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OM nucleic - nucleic search, using sw model

Run on: September 25, 2003, 15:14:55 ; Search time 478 Seconds  
(without alignments)  
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Title: US-09-905-732B-5

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Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1678620 seqs, 1244745471 residues

Total number of hits satisfying chosen parameters: 3357240

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_NA:\*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1575	78.8	1799	12 US-10-286-926-2	Sequence 2, Appli
2	1575	78.8	1799	13 US-10-091-085-2	Sequence 2, Appli
3	1575	78.8	1799	13 US-10-092-063-2	Sequence 2, Appli
4	1419	71.0	1457	9 US-09-925-299-103	Sequence 103, App
5	1419	71.0	1457	11 US-09-925-299-103	Sequence 103, App
6	1386.4	69.4	1601	12 US-10-286-926-24	Sequence 24, Appl
7	1386.4	69.4	1601	13 US-10-092-063-24	Sequence 24, Appl
8	1285.4	64.3	1287	12 US-10-286-926-4	Sequence 4, Appli
9	1285.4	64.3	1287	13 US-10-091-085-4	Sequence 4, Appli
10	1285.4	64.3	1287	13 US-10-092-063-4	Sequence 4, Appli
11	1275.8	63.9	1287	13 US-10-286-926-6	Sequence 6, Appli
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14	538	26.9	14747	12 US-10-286-926-42	Sequence 42, Appl
15	524.4	26.2	9365	12 US-10-286-926-8	Sequence 8, Appli
16	524.4	26.2	9365	13 US-10-091-085-8	Sequence 8, Appli

17	524.4	26.2	9365	13 US-10-092-063-8	Sequence 8, Appli
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19	393.4	19.7	407	10 US-09-880-107-573	Sequence 573, App
20	359.2	18.0	420	10 US-09-960-352-11752	Sequence 11752, A
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33	294.6	14.7	925	14 US-10-198-846-5299	Sequence 5299, Ap
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38	224.2	11.2	935	14 US-10-198-846-5297	Sequence 5297, Ap
39	205.2	10.3	904	14 US-10-198-846-10692	Sequence 10692, A
40	190.8	9.5	416	9 US-09-822-849A-299	Sequence 299, App
41	145	7.3	461	9 US-09-864-761-723	Sequence 723, App
42	144.4	7.2	912	14 US-10-198-846-5345	Sequence 5345, Ap
43	141.8	7.1	239	9 US-09-864-761-17509	Sequence 17509, A
44	123.2	6.2	1900	12 US-10-286-926-47	Sequence 47, Appl
45	109.8	5.5	282	10 US-09-960-352-13474	Sequence 13474, A

#### ALIGNMENTS

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RESULT 1
US-10-286-926-2
; Sequence 2, Application US/10286926
; Publication No. US20030175752A1
GENERAL INFORMATION:
APPLICANT: Ford, John
APPLICANT: Mulero, Julio
APPLICANT: Yeung, George
TITLE OF INVENTION: Methods and Materials Relating to CD39-Like
FILE REFERENCE: 28110/36457CON
CURRENT APPLICATION NUMBER: US/10/286, 926
CURRENT FILING DATE: 2002-11-01
PRIOR APPLICATION NUMBER: 09/557, 800
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/481, 238
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: 09/370, 265
PRIOR FILING DATE: 1999-08-09
PRIOR APPLICATION NUMBER: PCT/US99/16180
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: 09/350836
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: 09/273447
PRIOR FILING DATE: 1999-03-19
PRIOR APPLICATION NUMBER: 09/122449
PRIOR FILING DATE: 1998-07-24
PRIOR APPLICATION NUMBER: 09/244444
PRIOR FILING DATE: 1999-02-04
PRIOR APPLICATION NUMBER: 09/118, 205
PRIOR FILING DATE: 1998-07-16
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 1799
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
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LOCATION: (246)..(1529)  
 FEATURE:  
 NAME/KEY: misc.feature  
 LOCATION: (11718)  
 OTHER INFORMATION: n - adenine or guanine or cytosine or thymidine  
 US-10-286-926-2

Query Match 78.8%; Score 1575; DB 12; Length 1799;  
 Best Local Similarity 98.2%; Pred. No. 0;  
 Matches 1620; Conservative 2; Mismatches 2; Indels 25; Gaps 2;

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QY 1 GCGGCGCCGTTTCTTCTGTTCTGTTCAACAAGAAATGTGAGTGTCTTGCTGAATCC 60
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QY 61 TCATACAGACAGATCATTTATGTGCTGTGTAGTAGAGCTGTATCCAGATGTAGGTTG 120
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RESULT 2
US-10-091-085-2
; Sequence 2, Application US/10091085
; GENERAL INFORMATION:
; APPLICANT: Mulero, Julio
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE
; FILE REFERENCE: 28110/35761
; CURRENT APPLICATION NUMBER: US/10/091, 085
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/350, 836
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/273, 447
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 09/118, 205
; PRIOR FILING DATE: 1998-07-16
; PRIOR APPLICATION NUMBER: 09/122, 449
; PRIOR FILING DATE: 1998-07-24
; PRIOR APPLICATION NUMBER: 09/244, 444
; PRIOR FILING DATE: 1999-02-04
  
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 ; ORGANISM: Homo sapiens  
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 ; LOCATION: (246)..(1529)  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (1718)  
 ; OTHER INFORMATION: n = adenine or guanine or cytosine or thymine  
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Query Match 78.8% Score 1575; DB 13; Length 1799;  
 Best Local Similarity 98.2%; Pred. No. 0;  
 Matches 1620; Conservative 2; Mismatches 2; Indels 25; Gaps 2;

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 DB 1080 GCAGAGTGTATCTTGGGGTGTGAATAACAGTATGTGGCAACAGAGGAGGAGTG 1139  
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RESULT 3  
 US-10-092-063-2  
 ; Sequence 2, Application us/10092063  
 ; Publication No. US20020173005A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; APPLICANT: Mulero, Julio  
 ; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE POLYPEPTIDES  
 ; FILE REFERENCE: 28110/35908  
 ; CURRENT APPLICATION NUMBER: us/10/092, 063  
 ; CURRENT FILING DATE: 2002-03-05  
 ; PRIOR APPLICATION NUMBER: 09/370, 265  
 ; PRIOR FILING DATE: 2002-01-31  
 ; PRIOR APPLICATION NUMBER: PCT/US99/16180  
 ; PRIOR FILING DATE: 1999-07-16



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; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA102
; CURRENT APPLICATION NUMBER: US/09/925,299
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05883
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1556
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 103
; LENGTH: 1457
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-299-103

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Query Match      71.0%; Score 1419; DB 9; Length 1457;
Best Local Similarity 99.3%; Pred. No. 0;
Matches 1427; Conservative 7; Mismatches 2; Indels 1; Gaps 1;

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DB 674 GAGGTCTCTTATAGTCTTCTTACTATTATGACGAGACTGTGACACAGCATATTG 733
OY 1274 ATTATGAAAAAGGGGATTTTAAAGATTTGAAGATTTTGAAGAAAAAGCAGGAGTGT 1333
DB 734 ATTATGAAAAAGGGGATTTTAAAGATTTTGAAGATTTTGAAGAAAAAGCAGGAGTGT 793

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OY 1334 GTGATACCTTGGAAAACTTACCTCAGGAGCTCTTCTGTCATGATGATCAGCTACA 1393
DB 794 GTGATACCTTGGAAAACTTACCTCAGGAGCTCTTCTGTCATGATGATCAGCTACA 853
OY 1394 TCACAGCCCTGTTAAAGGATGGCTTTGGCTTTCGACACAGCAGATCTTACAGCTACAA 1453
DB 854 TCACAGCCCTGTTAAAGGATGGCTTTGGCTTTCGACACAGCAGATCTTACAGCTACAA 913
OY 1454 AGAAGTGAACAACATAGAGAGAGCGGCTGGGCGCTTGGGGCCACCTTTCACCTTTGACAG 1513
DB 914 AGAAGTGAACAACATAGAGAGAGCGGCTGGGCGCTTGGGGCCACCTTTCACCTTTGACAG 973
OY 1514 CTCTGGGCACTCTCCATTGAGGCGCAGCTACTTCTTGGAGACCTGATTTGCCAACACT 1573
DB 974 CTCTGGGCACTCTCCATTGAGGCGCAGCTACTTCTTGGAGACCTGATTTGCCAACACT 1033
OY 1574 TTTTAAAGGGAGAGAGAGAGCAGCTTACTTCTGACATAGTCT -GGACATCTGGACTTGA 1632
DB 1034 TTTTAAAGGGAGAGAGAGAGCAGCTTACTTCTGACATAGTCTGGGGACATCTGGACTTGA 1093
OY 1633 GCCTAGAGATTTAGTTTAAATTTTAAATTTTAAATTTTAAATTTTAAATTTTAAATTTT 1692
DB 1094 GCCTAGAGATTTAGTTTAAATTTTAAATTTTAAATTTTAAATTTTAAATTTTAAATTTT 1153
OY 1693 CAAGAGTACACAGCTGCGACACAGAGCATCATCAGAGAGCCCTGTGAGCCAAAGATAGT 1752
DB 1154 CAAGAGTACACAGCTGCGACACAGAGCATCATCAGAGAGCCCTGTGAGCCAAAGATAGT 1213
OY 1753 TTTGGAACCTTAACTTGGAGTGAAGCCCAAGGACAGGTCCTTGGAAACCAAGAAAAAT 1812
DB 1214 TTTGGAACCTTAACTTGGAGTGAAGCCCAAGGACAGGTCCTTGGAAACCAAGAAAAAT 1273
OY 1813 CGCATTTCAACCTTTGAGTGGCTCATTTTCACTGATATTTTAAATTTTCTTAAATGG 1872
DB 1274 CGCATTTCAACCTTTGAGTGGCTCATTTTCACTGATATTTTAAATTTTCTTAAATGG 1333
OY 1873 TAAACTGACTTATTTGCAATCCCAAGACCATCATATATGATATTTTTCCTCCATATAC 1932
DB 1334 TAAACTGACTTATTTGCAATCCCAAGACCATCATATATGATATTTTTCCTCCATATAC 1393
OY 1933 AGTGGCCCTGCCACCTTATCTGACCCACCTCCCTGAAAAAGAGAAAAA 1989
DB 1394 AGTGGCCCTGCCACCTTATCTGACCCACCTCCCTGAAAAAGAGAAAAA 1450

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RESULT 5
US-09-925-299-103
; Sequence 103, Application US/09925299
; Publication No. US20030040617A9
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA102
; CURRENT APPLICATION NUMBER: US/09/925,299
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05883
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1556
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 103
; LENGTH: 1457
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-299-103

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Query Match      71.0%; Score 1419; DB 11; Length 1457;
Best Local Similarity 99.3%; Pred. No. 0;
Matches 1427; Conservative 7; Mismatches 2; Indels 1; Gaps 1;
OY 554 CCGTTCAGAGGCTCTTAGAGTGGCCAAAGACTCAATCCCGAAGTCACTGGAAAAA 613

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Db 14 CCGTTCAAGGGCTTTAGAGGTGGCCAAAGACTCAATCCCCGAGTCACTGAAAAA 73  
 QY 614 CCCAGTGGTCTTAAGGCAACAGCAGGACTAGCTTACCTCCAGAACACAAAGCCAGG 673  
 Db 74 CCCAGTGGTCTTAAGGCAACAGCAGGACTAGCTTACCTCCAGAACACAAAGCCAGG 133  
 QY 674 CTCTGCTCTTTGAGGTAAAGAGATCTTCAGGAAGTCACTCTTCTGTTACCAAGGCA 733  
 Db 134 CTCTGCTCTTTGAGGTAAAGAGATCTTCAGGAAGTCACTCTTCTGTTACCAAGGCA 193  
 QY 734 GTGTAGCATCATGATGATCCAGCAGAGGCAATTAAGCTTGGGTTACTGTGAATTTTC 793  
 Db 194 GTGTAGCATCATGATGATCCAGCAGAGGCAATTAAGCTTGGGTTACTGTGAATTTTC 253  
 QY 794 TGACAGTGTAGTGCATGAGCCAGACAGAGAGATGGGGGAGCCCTGAGACCTAGGGGAG 853  
 Db 254 TGACAGTGTAGTGCATGAGCCAGACAGAGAGAGATGGGGGAGCCCTGAGACCTAGGGGAG 313  
 QY 854 CCTCAACCCCAATCAGCTTCTGCCCCAGTTTGAAGAAAACCTGGAACAACTCCTGAGG 913  
 Db 314 CCTCAACCCCAATCAGCTTCTGCCCCAGTTTGAAGAAAACCTGGAACAACTCCTGAGG 373  
 QY 914 GCTACCTCACTTCTTGAAGATGTTTAACAGCACTTATAGCTCTATACATAGTTACT 973  
 Db 374 GCTACCTCACTTCTTGAAGATGTTTAACAGCACTTATAGCTCTATACATAGTTACT 433  
 QY 974 TGGGATTTGGATTGAAGAGTGCAGAGACTAGCAACCCCTGGGAGCCCTGAGACAGAGGA 1033  
 Db 434 TGGGATTTGGATTGAAGAGTGCAGAGACTAGCAACCCCTGGGAGCCCTGAGACAGAGGA 493  
 QY 1034 CTGATGGGCACTTCTCCGAGTGCCTGTTTACCGAGATGGTTGGAACAGAGTGAATCT 1093  
 Db 494 CTGATGGGCACTTCTCCGAGTGCCTGTTTACCGAGATGGTTGGAACAGAGTGAATCT 553  
 QY 1094 TTGGGGGTGGAATACCATGATGGTGGCAACCAAGAGGGAGAGTGGCTTTAGCCCT 1153  
 Db 554 TTGGGGGTGGAATACCATGATGGTGGCAACCAAGAGGGAGAGTGGCTTTAGCCCT 613  
 QY 1154 GCTATGCCGAAGTCTGAGGGGTGAGAGGAAACCTTACACAGCAGAGAGAGGCGCA 1213  
 Db 614 GCTATGCCGAAGTCTGAGGGGTGAGAGGAAACCTTACACAGCAGAGAGAGGCGCA 673  
 QY 1214 GAGGTTCTCTTATGCTTTCTTCTTATTAATGACGAGCTGTTGACACAGATGATG 1273  
 Db 674 GAGGTTCTCTTATGCTTTCTTCTTATTAATGACGAGCTGTTGACACAGATGATG 733  
 QY 1274 ATTATGAAAAGGGGGGATTTTAAAGTTGAGATTTGAAAAGAAAGCCAGGAGAGT 1333  
 Db 734 ATTATGAAAAGGGGGGATTTTAAAGTTGAGATTTGAAAAGAAAGCCAGGAGAGT 793  
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 Db 794 GTGATTAACCTTGAAAACCTTCACTCAGCAGTCTTCCCTGTGATGATCTCAGTCA 853  
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 Db 854 TCACAGCCCTGTTAAAGAGATGGCTTGGCTTTGACAGACAGCAGCTTTACAGCTCA 913  
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 QY 1574 TTTTAAAGGGAGAGAGAGACTTATGTTTGAACATAGTCT-GGGACATCTGAGCTTGA 1632  
 Db 1034 TTTTAAAGGGAGAGAGAGACTTATGTTTGAACATAGTCTGGGGACATCTGAGACTTGA 1093  
 QY 1633 GCCTAGAGATTTAGTTTATTAATTTTACACATCTAATGTAAGCTCTGCTTAACACT 1692  
 Db 1094 GCCTAGAGATTTAGTTTATTAATTTTACACATCTAATGTAAGCTCTGCTTAACACT 1153

QY 1693 CAAGGTACACAGCTGGCAGCAGAGCATCAGAGAGCCCTGTGAGCCAAAAGTATAGT 1752  
 Db 1154 CAGAGTATACAGCTGGCAGCAGAGCATCAGAGAGCCCTGTGAGCCAAAAGTATAGT 1213  
 QY 1753 TTTGGAACCTTAACCTTGAAGTGAAGGCCAGAGGACAGTCCCTGGAACCAAGAAAAT 1812  
 Db 1214 TTTGGAACCTTAACCTTGAAGTGAAGGCCAGAGGACAGTCCCTGGAACCAAGAAAAT 1273  
 QY 1813 CGCATTTCAACCTTTGAGTGGCTCATTCACAGTGAATTTAAATTTTCTTTAAATGG 1872  
 Db 1274 CGCATTTCAACCTTTGAGTGGCTCATTCACAGTGAATTTAAATTTTCTTTAAATGG 1333  
 QY 1873 TAACTGATTTATGGAATCCCAAGCCCATCAATATACATATTTTCTCCCTATAC 1932  
 Db 1334 TAACTGATTTATGGAATCCCAAGCCCATCAATATACATATTTTCTCCCTATAC 1393  
 QY 1933 AGTGCCCTGCCACCTTATCTGACCCACCTCCCTGAAAAGAGAGAAAAA 1989  
 Db 1394 AGTGCCCTGCCACCTTATCTGACCCACCTCCCTGAAAAGAGAAAAA 1450

RESULT 6  
 US-10-286-926-24  
 ; Sequence 24, Application US/10286926  
 ; Publication No. US20030175752A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; APPLICANT: Yeu, George  
 ; APPLICANT: Mulero, Julio  
 ; TITLE OF INVENTION: Methods and Materials Relating to CD39-Like  
 ; FILE REFERENCE: 28110/36457CON  
 ; CURRENT APPLICATION NUMBER: US/10/286, 926  
 ; CURRENT FILING DATE: 2002-11-01  
 ; PRIOR APPLICATION NUMBER: 09/557, 800  
 ; PRIOR FILING DATE: 2000-04-25  
 ; PRIOR APPLICATION NUMBER: 09/481, 238  
 ; PRIOR FILING DATE: 2000-01-11  
 ; PRIOR APPLICATION NUMBER: 09/370, 265  
 ; PRIOR FILING DATE: 1999-08-09  
 ; PRIOR APPLICATION NUMBER: PCT/US99/16180  
 ; PRIOR FILING DATE: 1999-07-16  
 ; PRIOR APPLICATION NUMBER: 09/350836  
 ; PRIOR FILING DATE: 1999-07-09  
 ; PRIOR APPLICATION NUMBER: 09/273447  
 ; PRIOR FILING DATE: 1999-03-19  
 ; PRIOR APPLICATION NUMBER: 09/122449  
 ; PRIOR FILING DATE: 1998-07-24  
 ; PRIOR APPLICATION NUMBER: 09/244444  
 ; PRIOR FILING DATE: 1999-02-04  
 ; PRIOR APPLICATION NUMBER: 09/118, 205  
 ; PRIOR FILING DATE: 1998-07-16  
 ; NUMBER OF SEQ ID NOS: 54  
 ; SOFTWARE: Patentln Ver. 2.0  
 ; SEQ ID NO: 24  
 ; LENGTH: 1601  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-286-926-24

Query Match 69.4%; Score 1386.4; DB 12; Length 1601;  
 Best Local Similarity 98.3%; Pred. No. 0;  
 Matches 1421; Conservative 0; Mismatches 1; Indels 24; Gaps 1;  
 QY 1 GCGCGCGGCTTTCTGTTCTGTCGTAACAAAGAAATGAGTGTCTTGCTGAATCC 60  
 Db 24 GCGCGCGGCTTTCTGTTCTGTCGTAACAAAGAAATGAGTGTCTTGCTGAATCC 83  
 QY 61 TCATACAGACAGATCATATATGCTGTAGTACGACTTGTATCCAGATGAAGTTG 120  
 Db 84 TCATACAGACAGATCATATATGCTGTAGTACGACTTGTATCCAGATGAAGTTG 119



121 AAAAGTATATATAAAGAACCAAGGAGAAATTCAGAAAGAAAGAAATTCGCTC 180  
 120 AAAAGTATATATAAAGAACCAAGGAGAAATTCAGAAAGAAAGAAATTCGCTC 179  
 181 TGCAGGTGTGAGAGAGAGATTCCTGCAACAAAAGCTCCAGCCAGCATCTTGGG 240  
 180 TGCAGGTGTGAGAGAGAGATTCCTGCAACAAAAGCTCCAGCCAGCATCTTGGG 239  
 241 AAAAGTATATATAAAGAACCAAGGAGAAATTCAGAAAGAAAGAAATTCGCTC 300  
 240 AAAAGTATATATAAAGAACCAAGGAGAAATTCAGAAAGAAAGAAATTCGCTC 299  
 301 AGCGGTGTCTCCACAGAGAACAGAGATTCGTTGAGAGATTCCTGCTTCATG 360  
 300 AGCGGTGTCTCCACAGAGAACAGAGATTCGTTGAGAGATTCCTGCTTCATG 359  
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 360 TGCAGGTGTGAGAGAGAGATTCCTGCAACAAAAGCTCCAGCCAGCATCTTGGG 419  
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 600 GAGGGAAGTATATATAAAGAACCAAGGAGAAATTCAGAAAGAAAGAAATTCGCTC 659  
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 781 GAGGGAAGTATATATAAAGAACCAAGGAGAAATTCAGAAAGAAAGAAATTCGCTC 840  
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 960 GAGGGAAGTATATATAAAGAACCAAGGAGAAATTCAGAAAGAAAGAAATTCGCTC 1019  
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 1201 GAGGGAAGTATATATAAAGAACCAAGGAGAAATTCAGAAAGAAAGAAATTCGCTC 1260

1200 GAGGAGGTCCAGAGAGGTCTTCTATGCTTCTTCTACTATATATAGCAGAGCTGTGAC 1259  
 1261 ACAGACATGATGATATATATAAAGAGGGGATATTTTAAAGTTGAGAGATTTGAAAGAAA 1320  
 1260 ACAGACATGATGATATATATAAAGAGGGGATATTTTAAAGTTGAGAGATTTGAAAGAAA 1319  
 1321 GCGAGGAGTGTGATATATATAAAGAGGGGATATTTTAAAGTTGAGAGATTTGAAAGAAA 1380  
 1320 GCGAGGAGTGTGATATATATAAAGAGGGGATATTTTAAAGTTGAGAGATTTGAAAGAAA 1379  
 1381 GATCTGAGTATATATATAAAGAGGGGATATTTTAAAGTTGAGAGATTTGAAAGAAA 1440  
 1380 GATCTGAGTATATATATAAAGAGGGGATATTTTAAAGTTGAGAGATTTGAAAGAAA 1439  
 1441 TTACAG 1446  
 1440 TTACAG 1445

RESULT 7  
 US-10-092-063-24  
 ; Sequence 24, Application US/10092063  
 ; Publication No. US20020173005A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Mulero, John  
 ; APPLICANT: Ford, John  
 ; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE POLYPEPTIDES  
 ; FILE REFERENCE: 28110/35908  
 ; CURRENT FILING DATE: 2002-03-05  
 ; PRIOR APPLICATION NUMBER: 09/370,265  
 ; PRIOR FILING DATE: 2002-01-31  
 ; PRIOR APPLICATION NUMBER: PCT/US99/16180  
 ; PRIOR FILING DATE: 1999-07-16  
 ; PRIOR APPLICATION NUMBER: 09/350,836  
 ; PRIOR FILING DATE: 1999-07-09  
 ; PRIOR APPLICATION NUMBER: 09/273,447  
 ; PRIOR FILING DATE: 1999-03-19  
 ; PRIOR APPLICATION NUMBER: 09/244,444  
 ; PRIOR FILING DATE: 1999-02-04  
 ; PRIOR APPLICATION NUMBER: 09/122,449  
 ; PRIOR FILING DATE: 1998-07-24  
 ; PRIOR APPLICATION NUMBER: 09/118,205  
 ; NUMBER OF SEQ ID NOS: 39  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 24  
 ; LENGTH: 1601  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-092-063-24

Query Match 69.4%; Score 1386.4; DB 13; Length 1601;  
 Best Local Similarity 98.3%; Pred. No. 0;  
 Matches 1421; Conservative 0; Mismatches 1; Indels 24; Gaps 1;  
 1 GCGCGCGGCTTTCTCTTCTGTCGTCACAAAGAAATGTGGAGTCTTGGCTGAATCC 60  
 24 GCGCGCGGCTTTCTCTTCTGTCGTCACAAAGAAATGTGGAGTCTTGGCTGAATCC 83  
 61 TCATACAGACAAATATATATATGCTGCTAGGTAGAGACTGTATCAGATGTAAGTTG 120  
 84 TCATACAGACAAATATATATATGCTGCTAGGTAGAGACTGTATCAGATGTAAGTTG 119  
 121 AAAAGTATATATAAAGAACCAAGGAGAAATTCAGAAAGAAAGAAATTCGCTC 180  
 120 AAAAGTATATATAAAGAACCAAGGAGAAATTCAGAAAGAAAGAAATTCGCTC 179  
 181 TGCAGGTGTGAGAGAGAGATTCCTGCAACAAAAGCTCCAGCCAGCATCTTGGG 240  
 180 TGCAGGTGTGAGAGAGAGATTCCTGCAACAAAAGCTCCAGCCAGCATCTTGGG 239

QY	241	AAAAAGATGGCCACTTCTTGGGGACACGCTTTTTCATGCTGCTGATATCCGTGTTC	300
Db	240	AAAAAGATGGCCACTTCTTGGGGACACGCTTTTTCATGCTGCTGATATCCGTGTTC	299
QY	301	AGCGGTCTCCACAGAACAGACAGACTTGGTTTGAGGGATATCTCCTGCTTCATG	360
Db	300	AGCGGTCTCCACAGAACAGACAGACTTGGTTTGAGGGATATCTCCTGCTTCATG	359
QY	361	TGCCCCATCATGTACAGCGCCACGACCTTGTATGGAATTAATGTTTGATGACGAGACAT	420
Db	360	TGCCCCATCAAGTACAGCGCCACGACCTTGTATGGAATTAATGTTTGATGACGAGACAT	419
QY	421	GGAATCGAATTCATGTTTATACACTTTTGGCAAAAATGCCAGGACGTTCCAAPTTGA	480
Db	420	GGAATCGAATTCATGTTTATACACTTTTGGCAAAAATGCCAGGACGTTCCAAPTTGA	479
QY	481	GAAGGGGAATGTTTGGATTCTGTGAAGCCAGGACTTCTGCTTTTGTAGATCAACCTAAG	540
Db	480	GAAGGGGAATGTTTGGATTCTGTGAAGCCAGGACTTCTGCTTTTGTAGATCAACCTAAG	539
QY	541	CAGGTGCTGAGACCGCTCAAGGGGCTTATAGAGTGGGCCAAAGACTCAATCCCGAAGT	600
Db	540	CAGGTGCTGAGACCGCTCAAGGGGCTTATAGAGTGGGCCAAAGACTCAATCCCGAAGT	599
QY	601	CACCTGAAAAAGACCCCACTGCTCTTAAAGCCACAGACGACTACGCTTACTGCCAGAA	660
Db	600	CACCTGAAAAAGACCCCACTGCTCTTAAAGGCCACAGACGACTACGCTTACTGCCAGAA	659
QY	661	CACAAGGCCAAGGCTCTGCTCTTTTAGGAAAAAGGAGTCTTGAGGAATCAACCTTCCTG	720
Db	660	CACAAGGCCAAGGCTCTGCTCTTTTAGGAAAAAGGAGTCTTGAGGAATCAACCTTCCTG	719
QY	721	GTACCAAAAGGCGAGTATAGCATATGATGGATCCGACGAAGCATATTAAGCTTGGGTT	780
Db	720	GTACCAAAAGGCGAGTATAGCATATGATGGATCCGACGAAGCATATTAAGCTTGGGTT	779
QY	781	ACTGGAATTTTCTGACAGGTCACGTCGATGGCCACACAGAGACCTGTGGACCTTG	840
Db	780	ACTGGAATTTTCTGACAGGTCGATGGCCACACAGAGACCTGTGGGACCTTG	839
QY	841	GACCTAGGGGGAGCCTCCACCACCAATACGTTCCCGCCAGATTGGAAGAAACTGTGAA	900
Db	840	GACCTAGGGGGAGCCTCCACCACCAATACGTTCCCGCCAGATTGGAAGAAACTGTGAA	899
QY	901	CAAACTCTTAGGGGCTACCTCACTTCCITTTGAGATGTTTAAACGACCTTATAGCTCTAT	960
Db	900	CAAACTCTTAGGGGCTACCTCACTTCCITTTGAGATGTTTAAACGACCTTATAGCTCTAT	959
QY	961	ACACATATTAATCTTGGGATTTGGAATGGAACCTGCAACACTAGCAACCCCTGGAGCCCTG	1020
Db	960	ACACATATTAATCTTGGGATTTGGAATGGAACCTGCAACACTAGCAACCCCTGGAGCCCTG	1019
QY	1021	CAGACAGAAAGGACTGATGGCACACTTTCGAGAGTGCCTGTTTACCGAGATGTTGAA	1080
Db	1020	CAGACAGAAAGGACTGATGGGGCACACTTTCGAGAGTGCCTGTTTACCGAGATGTTGAA	1079
QY	1081	GCAGAGTGAATCTTTGGGGGATGTGAATAACAGATAGGTGCAACCAAGAGGGGAGGTG	1140
Db	1080	GCAGAGTGAATCTTTGGGGGATGTGAATAACAGATAGGTGCAACCAAGAGGGGAGGTG	1139
QY	1141	GGCTTTGAGCCCTGCTATGCCAAGTGTGAGGGTGTACGAGGAAAACTTCCACAGCA	1200
Db	1140	GGCTTTGAGCCCTGCTATGCCAAGTGTGAGGGTGTACGAGGAAAACTTCCACAGCA	1199
QY	1201	GAGGAGGTCGAGAGGTTCTTCTATGCTTTCCTTAATTAATGACCCAGCTGTGAC	1260
Db	1200	GAGGAGGTCGAGAGGTTCTTCTATGCTTTCCTTAATTAATGACCCAGCTGTGAC	1259
QY	1261	ACACAGCATGATGATTAATGAAAAAGGGGGATTTTAAAAAGTTGGAAGATTTGAAAGAAA	1320
Db	1260	ACACAGCATGATGATTAATGAAAAAGGGGGATTTTAAAAAGTTGGAAGATTTGAAAGAAA	1319
QY	1321	GCCAGGGAAGTGTGTGATTAACCTTGGAAAACTTCACTCAGGCACTGCTTTCCTGTGATG	1380

DB	Sequence	Score	Length	Indels	Gaps
Db	1320 GCCAGGGAAGTGTGATAACTTGGAAAACTTCACCTCAGCAGCAGTCTTCTGTGCATG	1379			
QY	1381 GATTCACGACTACATACAGACCCTGTGTAAGATGACTTTGGCTTTGCAGACAGCACTG	1440			
Db	1380 GATTCACGACTACATACAGACCCTGTGTAAGATGACTTTGGCTTTGCAGACAGCACTG	1439			
QY	1441 TTACAG 1446				
Db	1440 TTACAG 1445				
RESULT 8					
US-10-286-926-4					
: Sequence 4, Application US/10286926					
: Publication No. US20030175752A1					
: GENERAL INFORMATION:					
: APPLICANT: Ford, John					
: APPLICANT: Mulero, Julio					
: APPLICANT: ynung, George					
: TITLE OF INVENTION: Methods and Materials Relating to CD39-Like					
: TITLE OF INVENTION: Polypeptides					
: FILE REFERENCE: 28110/36457CON					
: CURRENT APPLICATION NUMBER: US/10/286,926					
: CURRENT FILING DATE: 2002-11-01					
: PRIOR APPLICATION NUMBER: 09/557,800					
: PRIOR FILING DATE: 2000-04-25					
: PRIOR APPLICATION NUMBER: 09/481,238					
: PRIOR FILING DATE: 2000-01-11					
: PRIOR APPLICATION NUMBER: 09/370,265					
: PRIOR FILING DATE: 1999-08-09					
: PRIOR APPLICATION NUMBER: PCT/US99/16180					
: PRIOR FILING DATE: 1999-07-16					
: PRIOR APPLICATION NUMBER: 09/350836					
: PRIOR FILING DATE: 1999-07-09					
: PRIOR APPLICATION NUMBER: 09/273447					
: PRIOR FILING DATE: 1999-03-19					
: PRIOR APPLICATION NUMBER: 09/122449					
: PRIOR FILING DATE: 1998-07-24					
: PRIOR APPLICATION NUMBER: 09/244444					
: PRIOR FILING DATE: 1999-02-04					
: PRIOR APPLICATION NUMBER: 09/119,205					
: PRIOR FILING DATE: 1998-07-16					
: NUMBER OF SEQ ID NOS: 54					
: SOFTWARE: PatentIn Ver. 2.0					
: SEQ ID NO 4					
: LENGTH: 1287					
: TYPE: DNA					
: ORGANISM: Homo sapiens					
: FEATURE:					
: NAME/KEY: CDS					
: LOCATION: (1)..(1284)					
US-10-286-926-4					
Query Match					
Best Local Similarity					
Matches 1286; Conservative 0; Mismatches 1; Indels 0; Gaps 0;					
QY	247 ATGCCACCTTCTGGGGACACAGCTTTTTCATGCTGTGTGTATCCGTGTGTTGCAGCGT	306			
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QY	307 GTCTCCACACAGAACCCAGACACTTGGTTGAGGGATCTTCTGTCTTTCATGATGCCCC	366			
Db	61 GTCTCCACACAGAACCCAGACACTTGGTTGAGGGATCTTCTGTCTTTCATGATGCCCC	120			
QY	367 ATCATATGTCAGCCGACACCTTGTATGAAATTATGTTATGCAGGAGACACTGGAACT	426			
Db	121 ATCATATGTCAGCCGACACCTTGTATGAAATTATGTTATGCAGGAGACACTGGAACT	180			
QY	427 CGAATTCATGTTTACACCTTGTGTCAGAAAATGCCAGACAGCTT				



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QY 487 GAAGTTTGTGATGTTGTAAGCCAGGACTTCTGTTTGTATGATCAACCTAAGAGGGT 546
    |||||||
Db 241 GAAGTTTGTGATGTTGTAAGCCAGGACTTCTGTTTGTATGATCAACCTAAGAGGGT 300
QY 547 GGTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGACTCATATCCCGAAGTCACTGG 606
    |||||||
Db 301 GGTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGACTCATATCCCGAAGTCACTGG 360
QY 607 AAAAAGACCCCACTGCTCTTAAAGCAACAGACAGACTACGCTTACTGCCAGAACAAAA 666
    |||||||
Db 361 AAAAAGACCCCACTGCTCTTAAAGCAACAGACAGACTACGCTTACTGCCAGAACAAAA 420
QY 667 GCCAAGGCTGTGCTTTGAGGTAAAGGATCTTGAAGAGTCCACTTCCGTGATCCA 726
    |||||||
Db 421 GCCAAGGCTGTGCTTTGAGGTAAAGGATCTTGAAGAGTCCACTTCCGTGATCCA 480
QY 727 AAGGCGAGTGTAGATCATGATGATCCGAGAGGCAATATTAGCTTGGTACTGTG 786
    |||||||
Db 481 AAGGCGAGTGTAGATCATGATGATCCGAGAGGCAATATTAGCTTGGTACTGTG 540
QY 787 AATTTTCTGACAGCTGACGTGATGCGCACAGACAGAGACTGTGGGACCTTGGACCTA 846
    |||||||
Db 541 AATTTTCTGACAGCTGACGTGATGCGCACAGACAGAGACTGTGGGACCTTGGACCTA 600
QY 847 GGGGGAGCCTCCACCCCAATACAGTCTGCCCCAGCTTTGAGAAACTCTGGAACAACT 906
    |||||||
Db 601 GGGGGAGCCTCCACCCCAATACAGTCTGCCCCAGCTTTGAGAAACTCTGGAACAACT 660
QY 907 CCTAGAGGCTACCTCACTCTTGTGAGATGTTTAAAGCACTATAAGCTCTATACAT 966
    |||||||
Db 661 CCTAGAGGCTACCTCACTCTTGTGAGATGTTTAAAGCACTATAAGCTCTATACAT 720
QY 967 AGTTACTTGGGATTTGATGTTGAAAGCTGCAGACTAGCAACCTGGGAGCCTTGGAGACA 1026
    |||||||
Db 721 AGTTACTTGGGATTTGATGTTGAAAGCTGCAGACTAGCAACCTGGGAGCCTTGGAGACA 780
QY 1027 GAAGGAGCTGATGGGAGCACTTCCGAGAGTCTGTTTACCAGATGTTGGAAGCAGAG 1086
    |||||||
Db 781 GAAGGAGCTGATGGGAGCACTTCCGAGAGTCTGTTTACCAGATGTTGGAAGCAGAG 840
QY 1087 TGGATCTTGGGGGTGTGAATATCCAGATATGTGGCAACCAAGAGGGAGTGGGCTTT 1146
    |||||||
Db 841 TGGATCTTGGGGGTGTGAATATCCAGATATGTGGCAACCAAGAGGGAGTGGGCTTT 900
QY 1147 GAGCCTGCTATGCCAGAGTCTGAGGGTGTACAGAGAAACTTCAACCAAGAGAGAG 1206
    |||||||
Db 901 GAGCCTGCTATGCCAGAGTCTGAGGGTGTACAGAGAAACTTCAACCAAGAGAGAG 960
QY 1207 GTCCAGAGAGTCTCTTATGCTTCTCTTACTATTATGACGAGGTGTGACACAGAG 1266
    |||||||
Db 961 GTCCAGAGAGTCTCTTATGCTTCTCTTACTATTATGACGAGGTGTGACACAGAG 1020
QY 1267 ATGATTTGATTTATGAAGAAGGGGGTATTTTAAAGTTGAAAGTTTGAAGAAAGCCAGG 1326
    |||||||
Db 1021 ATGATTTGATTTATGAAGAAGGGGGTATTTTAAAGTTGAAAGTTTGAAGAAAGCCAGG 1080
QY 1327 GAAGTGTGTGATTAAGTTGAAAACTTCAAGCAGAGTCTTCTGTGATGATGATCTC 1386
    |||||||
Db 1081 GAAGTGTGTGATTAAGTTGAAAACTTCAAGCAGAGTCTTCTGTGATGATGATCTC 1140
QY 1387 AGCTATATCAGACCCCTGTTAAAGGATGGCTTGGGCTTTGACAGACAGAGTCTTCAAG 1446
    |||||||
Db 1141 AGCTATATCAGACCCCTGTTAAAGGATGGCTTGGGCTTTGACAGACAGAGTCTTCAAG 1200
QY 1447 CTCACAAAGAAATGAAACAATAGAGACGGGCTGGGCTTGGGGGCGACCTTTCACCTG 1506
    |||||||
Db 1201 CTCACAAAGAAATGAAACAATAGAGACGGGCTGGGCTTGGGGGCGACCTTTCACCTG 1260
QY 1507 TTGCACTCTCTGGGCACTCTCCCATTTGA 1533
    |||||||
Db 1261 TTGCACTCTCTGGGCACTCTCCCATTTGA 1287

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RESULT 9
US-10-091-085-4
; Sequence 4, Application US/10091085
; Publication No. US20020146772A1
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Mulero, Julio
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE
; FILE REFERENCE: 28110/35761
; CURRENT APPLICATION NUMBER: US/10/091,085
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/350,836
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/273,447
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 09/118,205
; PRIOR FILING DATE: 1998-07-16
; PRIOR APPLICATION NUMBER: 09/122,449
; PRIOR FILING DATE: 1998-07-24
; PRIOR APPLICATION NUMBER: 09/244,444
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 4
; LENGTH: 1287
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1284)
US-10-091-085-4

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Query Match      64.3%; Score 1285.4; DB 13; Length 1287;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1286; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 247 ATGGCCACTTCTTGGGCGACAGTCTTTTCACTGCTGTGATCTCTGTGTTGACAGGCT 306
    |||||||
Db 1 ATGGCCACTTCTTGGGCGACAGTCTTTTCACTGCTGTGATCTCTGTGTTGACAGGCT 60
QY 307 GTCTCCACAGAGAACCGACAGACTTGGTTGAGGGTATCTTCTGCTCCATGTGCCCC 366
    |||||||
Db 61 GTCTCCACAGAGAACCGACAGACTTGGTTGAGGGTATCTTCTGCTCCATGTGCCCC 120
QY 367 ATCAATGTACAGCGCCAGCACCTTGTATGAAATTAATGTTGATGAGGAGACATGGAAT 426
    |||||||
Db 121 ATCAATGTACAGCGCCAGCACCTTGTATGAAATTAATGTTGATGAGGAGACATGGAAT 180
QY 427 CGAATTCATGTTTACACTTTTGTGCAGAAAAATGCCAGACAGTTCCAATTCATGAAAGG 486
    |||||||
Db 181 CGAATTCATGTTTACACTTTTGTGCAGAAAAATGCCAGACAGTTCCAATTCATGAAAGG 240
QY 487 GAATTTTGTGTTCTGTGAAGCCAGACTTCTGCTTTTGTAGATCAACCTAAGCAGGGT 546
    |||||||
Db 241 GAATTTTGTGTTCTGTGAAGCCAGACTTCTGCTTTTGTAGATCAACCTAAGCAGGGT 300
QY 547 GCTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGACTCAATCCCGAAGTCACTGG 606
    |||||||
Db 301 GCTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGACTCAATCCCGAAGTCACTGG 360
QY 607 AAAAAGACCCCACTGCTCTTAAAGCAACAGACAGACTACGCTTACTGCCAGAACAAAA 666
    |||||||
Db 361 AAAAAGACCCCACTGCTCTTAAAGCAACAGACAGACTACGCTTACTGCCAGAACAAAA 420
QY 667 GCCAAGGCTGTGCTTTGAGAGTAAAGAGATCTTCAAGAAAGTCACTTCTGTGATCCA 726
    |||||||
Db 421 GCCAAGGCTGTGCTTTGAGAGTAAAGAGATCTTCAAGAAAGTCACTTCTGTGATCCA 480
QY 727 AAGGCGAGTGTAGATCATGATGATGATCCAGACAGGCAATATTAGCTTGGGTTACTGTG 786
    |||||||
Db 481 AAGGCGAGTGTAGATCATGATGATGATCCAGACAGGCAATATTAGCTTGGGTTACTGTG 540

```







QY 1507 TTGCAGTCTCTGGGCATCTCCCATTTGA 1533  
 DB 1261 TTGCAGTCTCTGGGCATCTCCCATTTGA 1287

RESULT 13

US-10-092-063-6  
 ; Sequence 6, Application US/10092063  
 ; Publication No. US20020173005A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; APPLICANT: Mulero, Julio  
 ; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE POLYPEPTIDES  
 ; FILE REFERENCE: 28110/35908  
 ; CURRENT APPLICATION NUMBER: US/10/092, 063  
 ; CURRENT FILING DATE: 2002-03-05  
 ; PRIOR APPLICATION NUMBER: 09/370, 265  
 ; PRIOR FILING DATE: 2002-01-31  
 ; PRIOR APPLICATION NUMBER: PCT/US99/16180  
 ; PRIOR FILING DATE: 1999-07-16  
 ; PRIOR APPLICATION NUMBER: 09/350, 836  
 ; PRIOR FILING DATE: 1999-07-09  
 ; PRIOR APPLICATION NUMBER: 09/273, 447  
 ; PRIOR FILING DATE: 1999-03-19  
 ; PRIOR APPLICATION NUMBER: 09/244, 444  
 ; PRIOR FILING DATE: 1999-02-04  
 ; PRIOR APPLICATION NUMBER: 09/122, 449  
 ; PRIOR FILING DATE: 1998-07-24  
 ; PRIOR APPLICATION NUMBER: 09/118, 205  
 ; PRIOR FILING DATE: 1998-07-16  
 ; NUMBER OF SEQ ID NOS: 39  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 6  
 ; LENGTH: 1287  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: (1)..(1284)  
 ; US-10-092-063-6

Query Match 63.9%; Score 1275.8; DB 13; Length 1287;  
 Best Local Similarity 99.5%; Pred. No. 0;  
 Matches 1280; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 247 ATGCCACTCTCTGGGGCAGACTCTTTTCATGCTGCTGATCTCTGCTTTGACGCGT 306  
 DB 1 ATGGCCACTCTCTGGGGCAGACTCTTTTCATGCTGCTGATCTCTGCTTTGACGCGT 60  
 QY 307 GTCTCCACAGGACAGCAGACTGTTGAGGGATCTCTCTGCTTCCATGAGTGGCC 366  
 DB 61 GTCTCCACAGGACAGCAGACTGTTGAGGGATCTCTCTGCTTCCATGAGTGGCC 120  
 QY 367 ATCAATGTCAGCGCCAGCACTCTTGTATGGAATTTATGATGACAGGAGCACTGGAAT 426  
 DB 121 ATCAATGTCAGCGCCAGCACTCTTGTATGGAATTTATGATGACAGGAGCACTGGAAT 180  
 QY 427 CGAATTCATGTTTACACCTTTGTGCAAAATGCCAGACGCTTCCAAATTTAGAAAGG 486  
 DB 181 CGAATTCATGTTTACACCTTTGTGCAAAATGCCAGACGCTTCCAAATTTAGAAAGG 240  
 QY 487 GAAGTTTGTATCTGTGAAGCAGACTTCTGCTTTGTATGATCAACTAGCAAGGT 546  
 DB 241 GAAGTTTGTATCTGTGAAGCAGACTTCTGCTTTGTATGATCAACTAGCAAGGT 300  
 QY 547 GCTGAGACCGTTCAAGGCTCTTATGAGTGGCCAAAGACATCTCCCGAATCTACTGG 606  
 DB 301 GCTGAGACCGTTCAAGGCTCTTATGAGTGGCCAAAGACATCTCCCGAATCTACTGG 360  
 QY 607 AAAAAGACCCCAAGTGTCTTAAAGGACAGACGACTACGCTTACTGCGAAGAACAAA 666  
 DB 361 AAAAAGACCCCAAGTGTCTTAAAGGACAGACGACTACGCTTACTGCGAAGAACAAA 420

QY 667 GCCAAGGCTCTGCTCTTTGAGGTAAGGAGATCTTCAGAGTACACTTTCTGATACCA 726  
 DB 421 GCCAAGGCTCTGCTCTTTGAGGTAAGGAGATCTTCAGAGTACACTTTCTGATACCA 480  
 QY 727 AAGGCGAGTTAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATG 786  
 DB 481 AAGGCGAGTTAGTATGATGATGATGATGATGATGATGATGATGATGATGATG 540  
 QY 787 AATTTTCTGACAGGCTGATGATGATGATGATGATGATGATGATGATGATGATG 846  
 DB 541 AATTTTCTGACAGGCTGATGATGATGATGATGATGATGATGATGATGATGATG 600  
 QY 847 GGGGGAGCTCCAGCCCAATACGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 906  
 DB 601 GGGGGAGCTCCAGCCCAATACGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 660  
 QY 907 CCTAGGGCTTACCTCTCTTGTGATGATGATGATGATGATGATGATGATGATGAT 966  
 DB 661 CCTAGGGCTTACCTCTCTTGTGATGATGATGATGATGATGATGATGATGATGAT 720  
 QY 967 AGTTACTTGGGATTTGATGATGATGATGATGATGATGATGATGATGATGATG 1026  
 DB 721 AGTTACTTGGGATTTGATGATGATGATGATGATGATGATGATGATGATGATG 780  
 QY 1027 GAAGGAGCTGATGAGGACACTTCCGAGAGTCCGATGATGATGATGATGATGATG 1086  
 DB 781 GAAGGAGCTGATGAGGACACTTCCGAGAGTCCGATGATGATGATGATGATGATG 840  
 QY 1087 TGGATCTTTGGGGGTGTAATATACAGTATGATGATGATGATGATGATGATGATG 1146  
 DB 841 TGGATCTTTGGGGGTGTAATATACAGTATGATGATGATGATGATGATGATGATG 900  
 QY 1147 GAGCCTGCTATGCCGAAGTCTGAGGGGTGATGAGGAGGAGGAGGAGGAGGAGG 1206  
 DB 901 GAGCCTGCTATGCCGAAGTCTGAGGGGTGATGAGGAGGAGGAGGAGGAGGAGG 960  
 QY 1207 GTCCAGAGAGGTCCTTCTATGCTTCTCTTCTATGATGATGATGATGATGATGATG 1266  
 DB 961 GTCCAGAGAGGTCCTTCTATGCTTCTCTTCTATGATGATGATGATGATGATGATG 1020  
 QY 1267 ATGATGATTTATGAAAGGGGGGTATTTTAAAGTTGAAAGTTTGAAGAAAGCCAGG 1326  
 DB 1021 ATGATGATTTATGAAAGGGGGGTATTTTAAAGTTGAAAGTTTGAAGAAAGCCAGG 1080  
 QY 1327 GAAGTGTGATTAACCTTGAAAACTTCACTGAGGAGTCTTCTCTGATGATGATG 1386  
 DB 1081 GAAGTGTGATTAACCTTGAAAACTTCACTGAGGAGTCTTCTCTGATGATGATG 1140  
 QY 1387 AGCTATATCAGACCCGTTTAAAGATGCTTGGCTTTGACAGACAGACAGTCTTACG 1446  
 DB 1141 AGCTATATCAGACCCGTTTAAAGATGCTTGGCTTTGACAGACAGACAGTCTTACG 1200  
 QY 1447 CTCACAAAGAAATGAAACATAGAGAGCGGGCTTGGGGGCGACCTTTACCTG 1506  
 DB 1201 CTCACAAAGAAATGAAACATAGAGAGCGGGCTTGGGGGCGACCTTTACCTG 1260  
 QY 1507 TTGCAGTCTCTGGGCATCTCCCATTTGA 1533  
 DB 1261 TTGCAGTCTCTGGGCATCTCCCATTTGA 1287

RESULT 14

US-10-286-926-42  
 ; Sequence 42, Application US/10286926  
 ; Publication No. US20030175752A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; APPLICANT: Mulero, Julio  
 ; TITLE OF INVENTION: Methods and Materials Relating to CD39-Like  
 ; FILE REFERENCE: 28110/36457CON

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: CURRENT APPLICATION NUMBER: US/10/286,926
: CURRENT FILING DATE: 2002-11-01
: PRIOR APPLICATION NUMBER: 09/557,800
: PRIOR FILING DATE: 2000-04-25
: PRIOR APPLICATION NUMBER: 09/481,238
: PRIOR FILING DATE: 2000-01-11
: PRIOR APPLICATION NUMBER: 09/370,265
: PRIOR FILING DATE: 1999-08-09
: PRIOR APPLICATION NUMBER: PCT/US99/16180
: PRIOR FILING DATE: 1999-07-16
: PRIOR APPLICATION NUMBER: 09/350836
: PRIOR FILING DATE: 1999-07-09
: PRIOR APPLICATION NUMBER: 09/273447
: PRIOR FILING DATE: 1999-03-19
: PRIOR APPLICATION NUMBER: 09/122449
: PRIOR FILING DATE: 1998-07-24
: PRIOR APPLICATION NUMBER: 09/244444
: PRIOR FILING DATE: 1999-02-04
: PRIOR APPLICATION NUMBER: 09/118,205
: PRIOR FILING DATE: 1998-07-16
: NUMBER OF SEQ ID NOS: 54
: SOFTWARE: Patentln Ver. 2.0
: SEQ ID NO 42
: LENGTH: 14747
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc.feature
: LOCATION: (13641)
: OTHER INFORMATION: n = adenosine or guanine or cytosine or thymidine
US-10-286-926-42

Query Match          26.9%; Score 538; DB 12; Length 14747;
Best Local Similarity 99.8%; Pred. No. 9.3e-157;
Matches 549; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY 1443 ACAGCTCACAAGAAAGTGAACACATAGAGAGCGGCTGGGCGCCCTTTCATCA 1502
DB 11912 ACAGCTCACAAGAAAGTGAACACATAGAGAGCGGCTGGGCGCCCTTTCATCA 11971
QY 1503 CCTGTTGACAGTCTCTGGGATCTCCCATTTAGGCGACGTAAGTCTTGAGACCTGCAT 1562
DB 11972 CCTGTTGACAGTCTCTGGGATCTCCCATTTAGGCGACGTAAGTCTTGAGACCTGCAT 12031
QY 1563 TCCCAACACCTTTTAAAGGGAGAGAGACACTTGAAGTCTGAACTAGTCT-GGGACAT 1621
DB 12032 TCCCAACACCTTTTAAAGGGAGAGAGACACTTGAAGTCTGAACTAGTCTGGGACAT 12091
QY 1622 CCTGACCTGAGCGCTGAGATTTAGTTTAAATTTTACATCTTAATGTGAAGTCT 1681
DB 12092 CCTGACCTGAGCGCTGAGATTTAGTTTAAATTTTACATCTTAATGTGAAGTCT 12151
QY 1682 GCGTAACCACTAGAGTACACAGCTGACACAGACATCACAGAGCCCTGTGAGCCA 1741
DB 12152 GCGTAACCACTAGAGTACACAGCTGACACAGAGATCACAGAGCCCTGTGAGCCA 12211
QY 1742 AAAAGTATAGTTTGGAACTTAACTTGGAGTGAAGAGCCAGGAGACGTCCTGGAAC 1801
DB 12212 AAAAGTATAGTTTGGAACTTAACTTGGAGTGAAGAGCCAGGAGACGTCCTGGAAC 12271
QY 1802 CAAGAAGAAATGCAATTTCAACCCCTTGAAGTGGCTGATTCATGTAATATTTTTC 1861
DB 12272 CAAGAAGAAATGCAATTTCAACCCCTTGAAGTGGCTGATTCATGTAATATTTTTC 12331
QY 1862 CTCTTAATAGTAACTGATTAATGCAATCCCAAGACCATCAATATCTAGTATTTTTC 1921
DB 12332 CTCTTAATAGTAACTGATTAATGCAATCCCAAGACCATCAATATCTAGTATTTTTC 12391
QY 1922 CTCTCTATAGAGTGGCCCTGCCACCCCTTATCTGACCCCACTCCCTGAAAAAGAGAGA 1981
DB 12392 CTCTCTATAGAGTGGCCCTGCCACCCCTTATCTGACCCCACTCCCTGAAAAAGAGAGA 12451
QY 1982 AAAAAAAAAA 1991
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DB 12452 AAAAAAAAAA 12461

RESULT 15
US-10-286-926-8
: Sequence 8; Application: US/10286926
: Publication No. US20030175752A1
: GENERAL INFORMATION:
: APPLICANT: Mulero, Julio
: APPLICANT: Yeung, George
: TITLE OF INVENTION: Methods and Materials Relating to CD39-Like
: TITLE OF INVENTION: Polypeptides
: FILE REFERENCE: 28110/3645/CON
: CURRENT APPLICATION NUMBER: US/10/286,926
: CURRENT FILING DATE: 2002-11-01
: PRIOR APPLICATION NUMBER: 09/557,800
: PRIOR FILING DATE: 2000-04-25
: PRIOR APPLICATION NUMBER: 09/481,238
: PRIOR FILING DATE: 2000-01-11
: PRIOR APPLICATION NUMBER: 09/370,265
: PRIOR FILING DATE: 1999-08-09
: PRIOR APPLICATION NUMBER: PCT/US99/16180
: PRIOR FILING DATE: 1999-07-16
: PRIOR APPLICATION NUMBER: 09/350836
: PRIOR FILING DATE: 1999-07-09
: PRIOR APPLICATION NUMBER: 09/273447
: PRIOR FILING DATE: 1999-03-19
: PRIOR APPLICATION NUMBER: 09/122449
: PRIOR FILING DATE: 1998-07-24
: PRIOR APPLICATION NUMBER: 09/244444
: PRIOR FILING DATE: 1999-02-04
: PRIOR APPLICATION NUMBER: 09/118,205
: PRIOR FILING DATE: 1998-07-16
: NUMBER OF SEQ ID NOS: 54
: SOFTWARE: Patentln Ver. 2.0
: SEQ ID NO 8
: LENGTH: 9365
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc.feature
: LOCATION: (3409)
: OTHER INFORMATION: n = adenine or guanine or cytosine or thymidine
: FEATURE:
: NAME/KEY: misc.feature
: LOCATION: (9214)
: OTHER INFORMATION: n = adenine or guanine or cytosine or thymidine
: FEATURE:
: NAME/KEY: misc.feature
: LOCATION: (9303)
: OTHER INFORMATION: n = adenine or guanine or cytosine or thymidine
: FEATURE:
: NAME/KEY: misc.feature
: LOCATION: (9311)
: OTHER INFORMATION: n = adenine or guanine or cytosine or thymidine
US-10-286-926-8

Query Match          26.2%; Score 524.4; DB 12; Length 9365;
Best Local Similarity 99.1%; Pred. No. 1.3e-152;
Matches 547; Conservative 1; Mismatches 2; Indels 2; Gaps 2;

QY 1443 ACAGCTCACAAGAAAGTGAACACATAGAGAGCGGCTGGGCGCCCTTTCATCA 1502
DB 8552 ACAGCTCACAAGAAAGTGAACACATAGAGAGCGGCTGGGCGCCCTTTCATCA 8611
QY 1503 CCTGTTGACAGTCTCTGGGATCTCCCATTTAGGCGACGTAAGTCTTGAGACCTGCAT 1562
DB 8612 CCTGTTGACAGTCTCTGGGATCTCCCATTTAGGCGACGTAAGTCTTGAGACCTGCAT 8671
QY 1563 TCCCAACACCTTTTAAAGGGAGAGAGACACTTGAAGTCTGAACTAGTCT-GGGACAT 1621
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Db      8672 TGCCACACCTTTTAAGGGGAGAGAGACCTTAGTTCTGAACTAGTCTGGGACAT 8731
QY      1622 CCTGACCTTGAGCCTAGAGATTAGTTAATTAAATTACACATCTAAT-GTGACATGC 1680
        |||
Db      8732 CCTGACCTTGAGCCTAGAGATTAGTTAATTAAATTACACATCTAATAGTGAATGC 8791
QY      1681 TGCCCTAACCTCAAGAGTACACAGCTGGCACCAGACATCAAGAGAGCCCTGTGAGCC 1740
        |||
Db      8792 TGCCCTAACCTCAAGAGTACACAGCTGGCACCAGACATCAAGAGAGCCCTGTGAGCC 8851
QY      1741 AAAAGTATAGTTTGGAACTTAACCTTGAGTGAGAGCCCAAGGACAGGTCCTGGAAA 1800
        |||
Db      8852 AAAAGTATAGTTTGGAACTTAACCTTGAGTGAGAGCCCAAGGACAGGTCCTGGAAA 8911
QY      1801 CCAAGAAAAATCGCATTTCAACCCCTTGAGTGCCCTCATTTCCACTGAATATTTAAATTT 1860
        |||
Db      8912 CCAAGAAAAATCGCATTTCAACCCCTTGAGTGCCCTCATTTCCACTGAATATTTAAATTT 8971
QY      1861 CCTCTAAATGGTAACTGACTTATTCATCCCAAGACCCATCAATATCAGTATTTT 1920
        |||
Db      8972 CCTCTAAATGGGAAACTGACTTATTCATCCCAAGACCCATCAATATCAGTATTTT 9031
QY      1921 TCCTCCCTATACAGTGCCTGCCCACTTATCTGACCCACCTCCCTGAAAAAGAGAG 1980
        |||
Db      9032 TCCTCCCTATACAGGCGCTGCCCACTTATCTGACCCACCTCCCTGAAAAAGAGAG 9091
QY      1981 AAAAAAAAAA 1992
        |||
Db      9092 AAAAAAAAAA 9103
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Search completed: September 25, 2003, 17:19:49  
Job time : 483 secs



GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: September 25, 2003, 14:47:24 ; Search time 124 Seconds

(without alignments)  
711.964 Million cell updates/sec

Title: US-09-905-732b-5

Perfect score: 1998  
Sequence: 1 gcgcgcgcgttctcgtt.....agaaaaaaaaaaaaaaaa 1998

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 08  
Maximum Match 1008

Listing first 45 summaries

Database : Issued\_Patents\_NA:\*

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3: /cgn2\_6/prodata/1/lna/5A\_COMB.seq:\*  
4: /cgn2\_6/prodata/1/lna/5B\_COMB.seq:\*  
5: /cgn2\_6/prodata/1/lna/PCTUS\_COMB.seq:\*  
6: /cgn2\_6/prodata/1/lna/Backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1998	100.0	1998	4	US-09-240-639-5
2	1575	78.8	1799	4	US-09-608-285A-2
3	1575	78.8	1799	4	US-09-350-835B-2
4	1575	78.8	1799	4	US-09-370-265-2
5	1575	78.8	1799	4	US-09-557-800C-2
6	1386.4	69.4	1601	4	US-09-608-285A-24
7	1386.4	69.4	1601	4	US-09-370-265-24
8	1386.4	69.4	1601	4	US-09-557-800C-24
9	1285.4	64.3	1287	4	US-09-608-285A-4
10	1285.4	64.3	1287	4	US-09-350-835B-4
11	1285.4	64.3	1287	4	US-09-370-265-4
12	1285.4	64.3	1287	4	US-09-557-800C-4
13	1275.8	63.9	1287	4	US-09-608-285A-6
14	1275.8	63.9	1287	4	US-09-350-835B-6
15	1275.8	63.9	1287	4	US-09-370-265-6
16	1275.8	63.9	1287	4	US-09-557-800C-6
17	1060.8	53.1	2119	4	US-09-240-639-7
18	538	26.9	14747	4	US-09-608-285A-42
19	538	26.9	14747	4	US-09-557-800C-42
20	538	26.9	14747	4	US-09-608-285A-59
21	524.4	26.2	9365	4	US-09-608-285A-8
22	524.4	26.2	9365	4	US-09-350-835B-8
23	524.4	26.2	9365	4	US-09-370-265-8
24	524.4	26.2	9365	4	US-09-557-800C-8
25	340.6	17.0	2693	4	US-09-608-285A-48
26	340.6	17.0	2693	4	US-09-557-800C-48
27	340.6	17.0	2762	4	US-09-608-285A-26

28	340.6	17.0	2762	4	US-09-608-285A-52	Sequence 52, Appl
29	340.6	17.0	2762	4	US-09-240-639-1	Sequence 1, Appl1
30	340.6	17.0	2762	4	US-09-370-265-26	Sequence 26, Appl
31	340.6	17.0	2762	4	US-09-557-800C-26	Sequence 26, Appl
32	340.6	17.0	2762	4	US-09-557-800C-52	Sequence 52, Appl
33	319	16.0	2371	4	US-09-608-285A-46	Sequence 46, Appl
34	319	16.0	2371	4	US-09-557-800C-46	Sequence 46, Appl
35	319	16.0	2497	4	US-09-608-285A-51	Sequence 51, Appl
36	319	16.0	2497	4	US-09-557-800C-51	Sequence 51, Appl
37	298.4	14.9	300	4	US-09-608-285A-1	Sequence 1, Appl1
38	298.4	14.9	300	4	US-09-350-835B-1	Sequence 1, Appl1
39	298.4	14.9	300	4	US-09-370-265-1	Sequence 1, Appl1
40	298.4	14.9	300	4	US-09-557-800C-1	Sequence 1, Appl1
41	295	14.8	2294	4	US-09-608-285A-49	Sequence 49, Appl
42	295	14.8	2294	4	US-09-557-800C-49	Sequence 49, Appl
43	289.2	14.5	1488	4	US-09-608-285A-45	Sequence 45, Appl
44	289.2	14.5	1488	4	US-09-557-800C-45	Sequence 45, Appl
45	289.2	14.5	2805	4	US-09-608-285A-50	Sequence 50, Appl

## ALIGNMENTS

RESULT 1									
US-09-240-639-5									
Sequence 5, Application US/09240639									
Patent No. 6350447									
GENERAL INFORMATION:									
APPLICANT: Chadwick, Brian Paul									
APPLICANT: Frischaut, Anna-Maria									
TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO CD39-LIKE									
FILE REFERENCE: 9598-066									
CURRENT FILING DATE: 1998-01-29									
CURRENT FILING DATE: 1998-01-29									
NUMBER OF SEQ ID NOS: 29									
SOFTWARE: Patentin Ver. 2.0									
SEQ ID NO 5									
LENGTH: 1998									
TYPE: DNA									
ORGANISM: Homo sapiens									
FEATURE:									
NAME/KEY: CDS									
LOCATION: (247)..(1530)									
US-09-240-639-5									
Query Match									
Best Local Similarity 100.0%; Score 1998; DB 4; Length 1998;									
Matches 1998; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
OY	1	GGCGGGCGGTTTCCCTGTCCTGTCACAAAGAAATGAGTGCTGGCGAATCC	60						
Db	1	GGCGGGCGGTTTCCCTGTCCTGTCACAAAGAAATGAGTGCTGGCGAATCC	60						
OY	61	TCATACAGACAGATCATTTAGTGTGCTAGTAGACTTATCCAGATGAAGTTG	120						
Db	61	TCATACAGACAGATCATTTAGTGTGCTAGTAGACTTATCCAGATGAAGTTG	120						
OY	121	AAAAAGTATATATTAAGAACCAAGAGAAATTCAGAGAAAGAAATTCGCTC	180						
Db	121	AAAAAGTATATATTAAGAACCAAGAGAAATTCAGAGAAAGAAATTCGCTC	180						
OY	181	TGCAGTGTGCGGAGAGATTCGTCGCAACAAAGCCGACCCAGCCACATCTGGG	240						
Db	181	TGCAGTGTGCGGAGAGATTCGTCGCAACAAAGCCGACCCAGCCACATCTGGG	240						
OY	241	AAAAAGATGCGACCTTCTGGGGCAGAGCTTTTTCATGCTGATCTGTCTTTC	300						
Db	241	AAAAAGATGCGACCTTCTGGGGCAGAGCTTTTTCATGCTGATCTGTCTTTC	300						
OY	301	AGCGCTGTCTCCACAGAACCGACGACTGTGAGGATCTTCTGCTGCTTCATG	360						
Db	301	AGCGCTGTCTCCACAGAACCGACGACTGTGAGGATCTTCTGCTGCTTCATG	360						

OY	361	TGCCCATCATGATGACGGCCAGACACCTTGATGGAATTAATGTTGATGACGGGAGCACT	420
OY	361	TGCCCATCATGATGACGGCCAGACACCTTGATGGAATTAATGTTGATGACGGGAGCACT	420
OY	421	GGAACTCGAATTCATGTTTACACCTTGTGCGAAGAAATGCCAGACACTTCCAAATCTA	480
OY	421	GGAACTCGAATTCATGTTTACACCTTGTGCGAAGAAATGCCAGACACTTCCAAATCTA	480
OY	481	GAAAGGGGAAGTTTTGATTCGTGTGAAGCCAGACACTTCTGCTTTTGTGTGATCAACACTAAG	540
OY	481	GAAAGGGGAAGTTTTGATTCGTGTGTGAAGCCAGACACTTCTGCTTTTGTGTGATCAACACTAAG	540
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OY	601	CACATGAAAAAGACCCCACTGCTCTTAAAGGCACACAGACATACGCTTACTGCCAGAA	660
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OY	661	CACAAAGCCAGACGCTGCTCTTTGAGGTAAAGAGATCCTCAGAAATCACTCACTTCTGT	720
OY	661	CACAAAGCCAGACGCTGCTCTTTGAGGTAAAGAGATCCTCAGAAATCACTCACTTCTGT	720
OY	721	GTACCAAAAGGCGACGTTTAGCATCATGATGATCCGACGAAGGCATTTAGCTTGGGTT	780
OY	721	GTACCAAAAGGCGACGTTTAGCATCATGATGATCCGACGAAGGCATTTAGCTTGGGTT	780
OY	781	ACTGTGAATTTTCTGCACAGGTACAGTGCATGGCCACACAGAGAGACTGTGGGGACCTTG	840
OY	781	ACTGTGAATTTTCTGCACAGGTACAGTGCATGGCCACACAGAGAGACTGTGGGGACCTTG	840
OY	841	GACCTAGGGGGAGCCTCCACCMAATCACGTTCTGCCAGTTTGAGAAAACTCTGGA	900
OY	841	GACCTAGGGGGAGCCTCCACCMAATCACGTTCTGCCAGTTTGAGAAAACTCTGGA	900
OY	901	CAAACTCCTTAGGGGCTACCTCACTTCCCTTGAGATGTTTAACAGACACTTAATAGCTCAT	960
OY	901	CAAACTCCTTAGGGGCTACCTCACTTCCCTTGAGATGTTTAACAGACACTTAATAGCTCAT	960
OY	961	ACACATAGTTACTTGGGATTTTGGATTTGAAAGCTGCAMAGACTAGCAAACTCTGGAGCCTTG	1020
OY	961	ACACATAGTTACTTGGGATTTTGGATTTGAAAGCTGCAMAGACTAGCAAACTCTGGAGCCTTG	1020
OY	1021	CAGACAGAAAGGACATGATGGGCACACTTCCGGAGTGCCTGTTTACGAGATGGTTGGAA	1080
OY	1021	CAGACAGAAAGGACATGATGGGCACACTTCCGGAGTGCCTGTTTACGAGATGGTTGGAA	1080
OY	1081	GCAGAGTGGATCTTTGGGGGTGTGAAATACCAAGATGGTGGCAACCAAGAAAGGGAGGTG	1140
OY	1081	GCAGAGTGGATCTTTGGGGGTGTGAAATACCAAGATGGTGGCAACCAAGAAAGGGAGGTG	1140
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OY	1141	GGCTTTGAGCCCTGCTATGCCGAAGTCTGAGGGGTGATACGAGGAAAACTTACACAGCCA	1200
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OY	1261	ACAGACATGATGATTAAGAAAGGGGGGTATTTTAAAGTTGAAGATTTTGAAGAA	1320
OY	1261	ACAGACATGATGATTAAGAAAGGGGGGTATTTTAAAGTTGAAGATTTTGAAGAA	1320
OY	1321	GCCAGGGGAAGTGTGATTAACCTTGGAAAACTTCACTCAGGACAGTCTTCTGTCATG	1380
OY	1321	GCCAGGGGAAGTGTGATTAACCTTGGAAAACTTCACTCAGGACAGTCTTCTGTCATG	1380
OY	1381	GATCTCAGCTACATCACAGCCCTGTTAAAGATGGCTTTGGCTTTGGCAGACAGCACTG	1440
OY	1381	GATCTCAGCTACATCACAGCCCTGTTAAAGATGGCTTTGGCTTTGGCAGACAGCACTG	1440
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QY	1441	TTACAGCTCACAAAAGAAAGTAAACAACATTAPAGACGGGCTGGGCTGGGGGCGCACCTTT	1500
Db	1441	TTACAGCTCACAAAAGAAAGTAAACAACATTAPAGACGGGCTGGGCTGGGGGCGCACCTTT	1500
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Db	1501	CACCTGTTGCAGTCTCTGGGGCATCTCCCATTTGAGGCCACGTAATCTCTTGGAGACCTGCA	1560
QY	1561	TTTGCCCAACACCTTTTAAAGGGAGAGAGAGACCTTAAGTTTCTGAACTAGTCTGGGACA	1620
Db	1561	TTTGCCCAACACCTTTTAAAGGGAGAGAGAGACCTTAAGTTTCTGAACTAGTCTGGGACA	1620
QY	1621	TCCTGAGCTTAGGCTAGAGATTTAGAGTTTAATTAATTTTCACATCATTAATGTAGACGCG	1680
Db	1621	TCCTGAGCTTAGGCTAGAGATTTAGAGTTTAATTAATTTTCACATCATTAATGTAGACGCG	1680
QY	1681	TGCTTAACACATCAAGAGTACACAGCTGGCACACAGAGCATCACAGAGAGCCCTGTGAGCC	1740
Db	1681	TGCTTAACACATCAAGAGTACACAGCTGGCACACAGAGCATCACAGAGAGCCCTGTGAGCC	1740
QY	1741	AAAAAGTATGTTTTGGAACTTAACTTTGAGTGAGAGCCGAGGAGACGTCCCTGGAAA	1800
Db	1741	AAAAAGTATGTTTTGGAACTTAACTTTGAGTGAGAGCCGAGGAGACGTCCCTGGAAA	1800
QY	1801	CCAAAGAAATATCCGATTTTCAACCTTTGATGTCCTCATTTCCACTGAATATTTTAAATTTT	1860
Db	1801	CCAAAGAAATATCCGATTTTCAACCTTTGATGTCCTCATTTCCACTGAATATTTTAAATTTT	1860
QY	1861	CCCTCTTAATGCTTAACAGTACTTATTTGCAATCCCAAGACCCATCAATATCTGATTTTTTT	1920
Db	1861	CCCTCTTAATGCTTAACAGTACTTATTTGCAATCCCAAGACCCATCAATATCTGATTTTTTT	1920
QY	1921	TCCTCCCTATACAGTGCCTGCCACACCTTATCTGACACCCACGTCCTCCCTGAAAAAGAGAG	1980
Db	1921	TCCTCCCTATACAGTGCCTGCCACACCTTATCTGACACCCACGTCCTCCCTGAAAAAGAGAG	1980
QY	1981	AAAAAAAAAAAAAAAAAAAA 1998	
Db	1981	AAAAAAAAAAAAAAAAAAAA 1998	

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RESULT 2
US-09-608-285A-2
Sequence 2, Application US/09608285A
Patent No. 6335013
PARENT INFORMATION:
APPLICANT: Ford, John
APPLICANT: Mulero, Julio
APPLICANT: Yeung, George
TITLE OF INVENTION: METHODS AND MATERIALS
FOR THE PREPARATION OF POLYPEPTIDES
FILE REFERENCE: 28110/36570
CURRENT APPLICATION NUMBER: US/09/608,285A
CURRENT FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: 09/583,231
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 09/557,800
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/481,238
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: 09/370,265
PRIOR FILING DATE: 1999-08-09
PRIOR APPLICATION NUMBER: PCT/US99/16180
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: 09/350,836
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: 09/273,447
PRIOR FILING DATE: 1999-03-19
PRIOR APPLICATION NUMBER: 09/244,444
PRIOR FILING DATE: 1999-02-04
PRIOR APPLICATION NUMBER: 09/122,449
PRIOR FILING DATE: 1998-07-24
PRIOR APPLICATION NUMBER: 09/118,205

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1      RESULT 2
2      US-09-608-285A-2
3      ; Sequence 2, Application US/09608285A
4      ; Patent No. 6335013
5      ; GENERAL INFORMATION:
6      ; APPLICANT: Ford, John
7      ; APPLICANT: Mulero, Julio
8      ; APPLICANT: Yeung, George
9      ; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO CD39-LIKE
10     ; TITLE OF INVENTION: POLYPEPTIDES
11     ; FILE REFERENCE: 28110/36570
12     ; CURRENT APPLICATION NUMBER: US/09/608,285A
13     ; CURRENT FILING DATE: 2000-06-30
14     ; PRIOR APPLICATION NUMBER: 09/563,231
15     ; PRIOR FILING DATE: 2000-05-26
16     ; PRIOR APPLICATION NUMBER: 09/557,800
17     ; PRIOR FILING DATE: 2000-04-25
18     ; PRIOR APPLICATION NUMBER: 09/461,238
19     ; PRIOR FILING DATE: 2000-01-11
20     ; PRIOR APPLICATION NUMBER: 09/370,265
21     ; PRIOR FILING DATE: 1999-08-09
22     ; PRIOR APPLICATION NUMBER: PCT/US99/16180
23     ; PRIOR FILING DATE: 1999-07-16
24     ; PRIOR APPLICATION NUMBER: 09/350,836
25     ; PRIOR FILING DATE: 1999-07-09
26     ; PRIOR APPLICATION NUMBER: 09/273,447
27     ; PRIOR FILING DATE: 1999-03-19
28     ; PRIOR APPLICATION NUMBER: 09/244,444
29     ; PRIOR FILING DATE: 1999-02-04
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31     ; PRIOR FILING DATE: 1998-07-24
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			Gaps	2

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Db	780	ACTGTGAATTTTCTGACAGAGTCAGCTGCATGCGCACAGAGACTGTGGGACCTTG	839
QY	841	GACCTAGGGGGAGGCGCTCCACCCAAATCACGTTCCTGCGCCAGTGTGAGAAAACCTCTGGAA	900
Db	840	GACCTAGGGGGAGGCGCTCCACCCAAATCACGTTCCTGCGCCAGTGTGAGAAAACCTCTGGAA	899
QY	901	CAACTCTTAGGGGCTACCTCACTTCCTTGTGAGATGTTTAAACGACACTTATTAAGCTCAT	960
Db	900	CAACTCTTAGGGGCTACCTCACTTCCTTGTGAGATGTTTAAACGACACTTATTAAGCTCAT	959
QY	961	ACACATAGTTACTTGGGATTTGGATTGAAAGCTGGAAGCTGGAACCTCGGAGACCCCTG	1020
Db	960	ACACATAGTTACTTGGGATTTGGATTGAAAGCTGGAAGCTGGAACCTCGGAGACCCCTG	1011
QY	1021	GAGACAGAAAGGAGCTGATGGGCGACACTTCCGAGCTGCCCTGTTTACCAGATGTTTGGAA	1080
Db	1020	GAGACAGAAAGGAGCTGATGGGCGACACTTCCGAGCTGCCCTGTTTACCAGATGTTTGGAA	1079
QY	1081	CGAGAGTGGATCTTTGGGGGGGTGAAATATACACAGTATGCTGGGACACCAAGAGGAGAGTG	1144
Db	1080	CGAGAGTGGATCTTTGGGGGGGTGAAATATACACAGTATGCTGGGACACCAAGAGGAGAGTG	1139
QY	1141	GAGCTTTGAGCCCTGCTATGCGCAATGCTGAGAGGAGTGATACAGAGAAAACCTTACACAGCA	1200
Db	1140	GAGCTTTGAGCCCTGCTATGCGCAATGCTGAGAGGAGTGATACAGAGAAAACCTTACACAGCA	1199
QY	1201	GAGAGAGTTCACAGAGAGGTTCTTCTATGCTTCTTCTTACTATTAATGACCGAGCTGTGAC	1260
Db	1200	GAGAGAGTTCACAGAGAGGTTCTTCTATGCTTCTTCTTACTATTAATGACCGAGCTGTGAC	1259
QY	1261	ACAGACATGATTGATTATGAAAGGGGGGTATTTTAAAGTTGAAGATTTTGAAGAAA	1320
Db	1260	ACAGACATGATTGATTATGAAAGGGGGGTATTTTAAAGTTGAAGATTTTGAAGAAA	1319
QY	1321	GCCAGGGAAGTGTGTGATTAACCTTGGAACACTTCACCTCAGGCGAGTCTTCTCTGTGCATG	1380
Db	1320	GCCAGGGAAGTGTGTGATTAACCTTGGAACACTTCACCTCAGGCGAGTCTTCTCTGTGCATG	1379
QY	1381	GATCTCACACTATCATACAGACCCCTGTTAAAGATGGCTTGGCTTTGCGACAGCACAGTC	1440
Db	1380	GATCTCACACTATCATACAGACCCCTGTTAAAGATGGCTTGGCTTTGCGACAGCACAGTC	1439
QY	1441	TTACAGCTCACAAAGAAAGTAACAACTAAGACAGCGGCTGGCCCTTGGGGGCCACCTTT	1500
Db	1440	TTACAGCTCACAAAGAAAGTAACAACTAAGACAGCGGCTGGCCCTTGGGGGCCACCTTT	1499
QY	1501	CACCTGTGGCAGTCTCTGGGCATCTCCCATTTAGGCGCACAGTACTTCTTGGAGACCTGCA	1560
Db	1500	CACCTGTGGCAGTCTCTGGGCATCTCCCATTTAGGCGCACAGTACTTCTTGGAGACCTGCA	1559
QY	1561	TTTCCCAACACCTTTTAAAGGGGAGAGAGCACTTAGTTTCTGAACCTAGTCT-GGGAC	1619
Db	1560	TTTCCCAACACCTTTTAAAGGGGAGAGAGCACTTAGTTTCTGAACCTAGTCTGGGAC	1619
QY	1620	ATCCTGACCTTGAGCCCTAGAGATTAGGT 1648	
Db	1620	ATCCTGACCTTGAGCCCTAGAGATTAGGT 1648	



```

FILE REFERENCE: 28111/335608
CURRENT APPLICATION NUMBER: US/09/370,265
CURRENT FILING DATE: 1999-08-09
EARLIER APPLICATION NUMBER: PCT/US99/16180
EARLIER FILING DATE: 1999-07-16
EARLIER APPLICATION NUMBER: 09/350,836
EARLIER FILING DATE: 1999-07-09
EARLIER APPLICATION NUMBER: 09/273,447
EARLIER FILING DATE: 1999-03-19
EARLIER APPLICATION NUMBER: 09/244,444
EARLIER FILING DATE: 1999-02-04
EARLIER APPLICATION NUMBER: 09/122,449
EARLIER FILING DATE: 1998-07-24
EARLIER APPLICATION NUMBER: 09/118,205
EARLIER FILING DATE: 1996-07-16
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 1799
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (246)..(1529)
FEATURE:
NAME/KEY: misc.feature
LOCATION: (11718)
OTHER INFORMATION: n = adenine or guanine or cytosine or thymine
US-09-370-265-2

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Query Match	78.88	Score 1575	DB 4	Length 1799
Best Local Similarly	98.28	Pred. No. 0		
Matches 1620; Conservative	2	Mismatches	2	Indels 25; Gaps 2

QY	1	GC	GC	GC	GC	CTTTTCTT	CTTGTCTCTG	TC	GC	TA	CA	AA	AA	AA	AT	GT	GC	AG	TC	60
Db	24	GC	GC	GC	GC	CTTTTCTT	CTTGTCTCTG	TC	GC	TA	CA	AA	AA	AA	AT	GT	GC	AG	TC	83
QY	61	TC	AT	CA	G	A	C	A	A	G	A	T	C	T	T	A	T	G	T	120
Db	84	TC	AT	CA	G	A	C	A	A	G	A	T	C	T	T	A	T	G	T	119
QY	121	AAAA	AG	T	G	A	T	A	A	T	A	A	G	A	A	C	A	A	G	180
Db	120	AAAA	AG	T	G	A	T	A	A	T	A	A	G	A	A	C	A	A	G	179
QY	181	TC	G	A	G	T	G	T	G	C	A	G	A	G	A	T	T	G	T	240
Db	180	TC	G	A	G	T	G	C	A	G	A	G	A	T	T	G	T	G	T	239
QY	241	AAAA	AG	T	G	C	A	T	T	T	G	G	G	C	A	G	T	T	T	300
Db	240	AAAA	AG	T	G	C	A	T	T	T	G	G	G	C	A	G	T	T	T	299
QY	301	A	G	C	G	T	G	T	C	C	C	A	G	A	G	A	C	T	T	360
Db	300	A	G	C	G	T	G	T	C	C	C	A	G	A	G	A	C	T	T	359
QY	361	T	G	C	C	C	A	T	C	A	T	G	C	C	A	G	A	C	T	420
Db	360	T	G	C	C	C	A	T	C	A	T	G	C	C	A	G	A	C	T	419
QY	421	G	A	A	C	T	C	A	A	T	C	A	T	T	A	C	C	T	T	480
Db	420	G	A	A	C	T	C	A	A	T	C	A	T	T	A	C	C	T	T	479
QY	481	G	A	A	G	G	G	A	A	T	T	T	G	A	T	T	T	G	A	540
Db	480	G	A	A	G	G	G	A	A	T	T	T	G	A	T	T	T	G	A	539
QY	541	C	A	G	G	T	G	T	G	A	C	C	T	T	C	A	G	G	T	600
Db	540	C	A	G	G	T	G	T	G	A	C	C	T	T	C	A	G	G	T	599

QY	601	CACGSGAAAAAGACC	CCAGCGGCTCTAAAGSCAACACAGACACTACGCTTACCTGCGCAAA	660
Db	600	CACGSGAAAAAGACCC	AGCGGTGCTCTAAAGSCAACACAGACACTACGCTTACCTGCGCAAA	659
QY	661	CACAAAGCCAAAGGCT	CGCTCTGCTCTTAAGGTAAAGGAGATCTTACAGAAAGTCACTCTTCCTG	720
Db	660	CACAAAGCCAAAGGCT	CGCTCTGCTCTTAAGGTAAAGGAGATCTTACAGAAAGTCACTCTTCCTG	719
QY	721	GTACCAAAAGGCACT	GTTTAGCATATGATGATGCCAGCAAGGCAATATTAGCTTGGGCTT	780
Db	720	GTACCAAAAGGCACT	GTTTAGCATATGATGATGCCAGCAAGGCAATATTAGCTTGGGCTT	779
QY	781	ACTGTGAATTTTCTG	ACAGGTCACGCTCATGCGCCACAGACAGAGACTGTGGGCACTCTG	840
Db	780	ACTGTGAATTTTCTG	ACAGGTCACGCTCATGCGCCACAGACAGAGACTGTGGGCACTCTG	839
QY	841	GACCTAGGGGGAGCCT	CCACCACAAATCAGCTTCCGCCCCAGTTTGAGAAAACTCTGAAA	900
Db	840	GACCTAGGGGGAGCCT	CCACCACAAATCAGCTTCCGCCCCAGTTTGAGAAAACTCTGAAA	899
QY	901	CAAACTCCTAGGGGCT	ACCTCAGCTTCCGCTTTGAGATGTTTAAACACACTATTAACCTCCTAT	960
Db	900	CAAACTCCTAGGGGCT	ACCTCAGCTTCCGCTTTGAGATGTTTAAACACACTATTAACCTCCTAT	959
QY	961	ACACATAGTTACTT	GGGATTTGGATTTGAAAGCTCAAGACACTAGCAACCCCTGGAGCCCTG	1020
Db	960	ACACATAGTTACTT	GGGATTTGGATTTGAAAGCTCAAGACACTAGCAACCCCTGGAGCCCTG	1019
QY	1021	GAGACAGAAAGGCACT	GATGGGCACACTTTCCGGAGTGCCTGTATTACCGAGATGCTTGGAA	1080
Db	1020	GAGACAGAAAGGCACT	GATGGGCACACTTTCCGGAGTGCCTGTATTACCGAGATGCTTGGAA	1079
QY	1081	GCAACAAGTGATCTT	GTGGGGGTGTGAATAACAGATGATGTGGCAACCAAGAAAGGGAGATG	1140
Db	1080	GCAACAAGTGATCTT	GTGGGGGTGTGTGAATAACAGATGATGTGGCAACCAAGAAAGGGAGATG	1139
QY	1141	GGCTTTGAGCCCTG	CTATGCCGAAGTCTGAGGCTGTGACAGGAGAAAATTTACACACCA	1200
Db	1140	GGCTTTGAGCCCTG	CTATGCCGAAGTCTGAGGCTGTGACAGGAGAAAATTTACACACCA	1199
QY	1201	GAGGAGGTCAGAAAGG	TCTCTTATATGCTTCTTACTATTAATGACCGGAGCTGTGTGAC	1260
Db	1200	GAGGAGGTCAGAAAGG	TCTCTTATATGCTTCTTACTATTAATGACCGGAGCTGTGTGAC	1259
QY	1261	ACAGACATGATTTGA	TATGAAAAAGGGGGGTATTTTAAAGTTGAAAGATTTTGAAGAAAA	1320
Db	1260	ACAGACATGATTTGA	TATGAAAAAGGGGGGTATTTTAAAGTTGAAAGATTTTGAAGAAAA	1319
QY	1321	GCCAGGGGAAGTGTG	ATACTTGGAAAACTTCACTCAGGCACTCTTCTCTGTGATG	1380
Db	1320	GCCAGGGGAAGTGTG	ATACTTGGAAAACTTCACTCAGGCACTCTTCTCTGTGATG	1379
QY	1381	GATCTCAGACTTCAC	AGCCCTGTTTAAAGGATGGCTTTGGCTTTGACAGACAGCAAGTC	1440
Db	1380	GATCTCAGACTTCAC	AGCCCTGTTTAAAGGATGGCTTTGGCTTTGACAGACAGCAAGTC	1439
QY	1441	TTACAGCTCAGAAAG	AAGGTGAAACACATAGAGACGGGCTGGGCTTTGGGGGCCACTTT	1500
Db	1440	TTACAGCTCAGAAAG	AAGGTGAAACACATAGAGACGGGCTGGGCTTTGGGGGCCACTTT	1499
QY	1501	CACCTGTTGCACTG	CTCGGGGCAATGCCATGAGGCCACGTAATCTCTGAGACCTGCA	1560
Db	1500	CACCTGTTGCACTG	CTCGGGGCAATGCCATGAGGCCACGTAATCTCTGAGACCTGCA	1559
QY	1561	TTTGTCCAAACACTT	TTTAAAGGGAGAGAGACACTTAGTTTCTGAACTAGTCT-GGGAC	1619
Db	1560	TTTGTCCAAACACTT	TTTAAAGGGAGAGAGACACTTAGTTTCTGAACTAGTCTGGGGAC	1619
QY	1620	ATCCTGCACTTGAC	CCCTAGAGATTTAGGT-1648	
Db	1620	ATCCTGCACTTGAC	CCCTAGAGATTTAGGT-1648	

RESULT 5

US-09-557-800C-2  
Sequence 2, Application US/09557800C

Patent No. 6476211

GENERAL INFORMATION:

APPLICANT: Ford, John

APPLICANT: Mulero, Julio

APPLICANT: Yeung, George

TITLE OF INVENTION: Methods and Materials Relating to CD39-Like

TITLE OF INVENTION: Polypeptides

FILE REFERENCE: 28110/36457

CURRENT APPLICATION NUMBER: US/09/557,800C

PRIOR APPLICATION NUMBER: 09/481,238

PRIOR APPLICATION NUMBER: 2000-01-11

PRIOR APPLICATION NUMBER: 09/370,265

PRIOR APPLICATION NUMBER: 1999-08-09

PRIOR APPLICATION NUMBER: PCT/US99/16180

PRIOR APPLICATION NUMBER: 1999-07-16

PRIOR APPLICATION NUMBER: 09/350836

PRIOR APPLICATION NUMBER: 1999-07-09

PRIOR APPLICATION NUMBER: 09/273447

PRIOR APPLICATION NUMBER: 1999-03-19

PRIOR APPLICATION NUMBER: 09/122449

PRIOR FILING DATE: 1998-07-24

PRIOR APPLICATION NUMBER: 09/244444

PRIOR FILING DATE: 1999-02-04

PRIOR APPLICATION NUMBER: 09/118,205

PRIOR FILING DATE: 1998-07-16

NUMBER OF SEQ ID NOS: 56

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 2

LENGTH: 1799

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: CDS

LOCATION: (246)..(1529)

FEATURE:

NAME/KEY: misc.feature

LOCATION: (1718)

OTHER INFORMATION: n - adenine or guanine or cytosine or thymidine

US-09-557-800C-2

Query Match

Best Local Similarity 98.8%; Score 1575; DB 4; Length 1799;

Matches 1620; Conservative 2; Mismatches 2; Indels 25; Gaps 2;

QY 1 GCGGCGCGCTTTCTCTGTTCTGTCGTCACAAAGAAATGTGAGTGTCTTGCTGAATCC 60  
 DB 24 GCGGCGCGCTTTCTCTGTTCTGTCGTCACAAAGAAATGTGAGTGTCTTGCTGAATCC 83  
 QY 61 TCATACAGACAGATCATTTATGTCGTCGTCAGTAGAGCTGTATCCAGATTAAGCTTG 120  
 DB 84 TCATACAGACAGATCATTTATGTCGTCGTCAGTAGAGCTGTATCCAGATTAAGCTTG 119  
 QY 121 AAAAAGTATATATAAAGAAAGCAAGAGAAATTCAGAAAGAAAGAAATTCAGCTC 180  
 DB 120 AAAAAGTATATATAAAGAAAGCAAGAGAAATTCAGAAAGAAAGAAATTCAGCTC 179  
 QY 181 TGCAGGTGTGCGAGCAGAGATGCTTCTGCAACAAAGCTCCACCCAGCCACATCTTGGG 240  
 DB 180 TGCAGGTGTGCGAGCAGAGATGCTTCTGCAACAAAGCTCCACCCAGCCACATCTTGGG 239  
 QY 241 AAAAGATGCGCACTTTGGGGCACAAGTCTTTTCATGCGTGCTGCTGCTTGGC 300  
 DB 240 AAAAGATGCGCACTTTGGGGCACAAGTCTTTTCATGCGTGCTGCTGCTTGGC 299  
 QY 301 AGCGCTGTCTCCACAGAAACACAGACTGTGTTGAGGGTATCTTCTGCTTCAGAG 360  
 DB 300 AGCGCTGTCTCCACAGAAACACAGACTGTGTTGAGGGTATCTTCTGCTTCAGAG 359

QY 361 TGCCCATCAATGTCAGCGCCAGACCTTGTATGGAATTTGATGTCAGGAGACACT 420  
 DB 360 TGCCCATCAATGTCAGCGCCAGACCTTGTATGGAATTTGATGTCAGGAGACACT 419  
 QY 421 GGAATCGAATTCATGTTTACACCTTTGTCAGAGAAATGCCAGGACACTTCCATTTCTA 480  
 DB 420 GGAATCGAATTCATGTTTACACCTTTGTCAGAGAAATGCCAGGACACTTCCATTTCTA 479  
 QY 481 GAAGGGAGATTTTGAATTCGTGTAAGGACAGAGACTTTGCTTTGTTGATCAACCTTAAG 540  
 DB 480 GAAGGGAGATTTTGAATTCGTGTAAGGACAGAGACTTTGCTTTGTTGATCAACCTTAAG 539  
 QY 541 CAGGCTCTGAGACCGTTCAGAGGCTCTTAGAGGTGCGCAAGACTCAATCCCGAGAGT 600  
 DB 540 CAGGCTCTGAGACCGTTCAGAGGCTCTTAGAGGTGCGCAAGACTCAATCCCGAGAGT 599  
 QY 601 CACTGGAAAAAGACCCCAAGTGTCTTAAGGCAACAGAGACTACGCTTACTGCGAAGA 660  
 DB 600 CACTGGAAAAAGACCCCAAGTGTCTTAAGGCAACAGAGACTACGCTTACTGCGAAGA 659  
 QY 661 CACAAAGCCAAAGGCTGCTCTTGTAGAGTAAAGAGATCTTCAGAGACTCACTTCCGCG 720  
 DB 660 CACAAAGCCAAAGGCTGCTCTTGTAGAGTAAAGAGATCTTCAGAGACTCACTTCCGCG 719  
 QY 721 GTACCAAAAGGCGAGTGTAGCATCATGATGATCCGACGAAGGCATTTAGCTTGAGT 780  
 DB 720 GTACCAAAAGGCGAGTGTAGCATCATGATGATCCGACGAAGGCATTTAGCTTGAGT 779  
 QY 781 ACTGTGAATTTTCTGACAGAGTCACTGATGATGATGATGATGATGATGATGATGATGAT 840  
 DB 780 ACTGTGAATTTTCTGACAGAGTCACTGATGATGATGATGATGATGATGATGATGATGAT 839  
 QY 841 GACCTAGGGGAGGAGGCTCCACCCCAATCACTGCTCCGCGCGCTTGTAGCAAAAGCTTGAA 900  
 DB 840 GACCTAGGGGAGGAGGCTCCACCCCAATCACTGCTCCGCGCGCTTGTAGCAAAAGCTTGAA 899  
 QY 901 CAAACTCTTAGGGGCTACCTCACTCTTGTAGATGTTTAAACAGACTTATTAAGCTCAT 960  
 DB 900 CAAACTCTTAGGGGCTACCTCACTCTTGTAGATGTTTAAACAGACTTATTAAGCTCAT 959  
 QY 961 ACACATATGTTACCTTGGATTTGGATTTGAAAGCTCAAGACTACAGACCTTGGAGCCCTG 1020  
 DB 960 ACACATATGTTACCTTGGATTTGGATTTGAAAGCTCAAGACTACAGACCTTGGAGCCCTG 1019  
 QY 1021 GAGACAGAAAGGAGTGTAGGCGACACTTTCGAGAGCTCTTACCGAGATGATGAGAA 1080  
 DB 1020 GAGACAGAAAGGAGTGTAGGCGACACTTTCGAGAGCTCTTACCGAGATGATGAGAA 1079  
 QY 1081 GCAGAGTGAATCTTTGGGGGTGTGAATACCACTATGATGATGATGATGATGATGATGATG 1140  
 DB 1080 GCAGAGTGAATCTTTGGGGGTGTGAATACCACTATGATGATGATGATGATGATGATGATG 1139  
 QY 1141 GCGTTGAGCGCGATGATGCGGAAGCTGAGAGGTTGAGAGGAAACCTTACACAGCA 1200  
 DB 1140 GCGTTGAGCGCGATGATGCGGAAGCTGAGAGGTTGAGAGGAAACCTTACACAGCA 1199  
 QY 1201 GAGAGAGTCCAGAGAGGTTCTTATGATGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 1260  
 DB 1200 GAGAGAGTCCAGAGAGGTTCTTATGATGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 1259  
 QY 1261 ACAGACATGATTTATTAAGAAAGGGGGATTTTAAAGTGAAGATTTTGAAGAAAA 1320  
 DB 1260 ACAGACATGATTTATTAAGAAAGGGGGATTTTAAAGTGAAGATTTTGAAGAAAA 1319  
 QY 1321 GCCAGGAGATGATGATTAATCACTTGAAGAACTTACCTCAGAGACTCTTCCCTGATG 1380  
 DB 1320 GCCAGGAGATGATGATTAATCACTTGAAGAACTTACCTCAGAGACTCTTCCCTGATG 1379  
 QY 1381 GATCTCAGCTACATCAGAGGCTGTTAAAGATGAGCTTGTGCTTGTGAGACAGCAGATC 1440  
 DB 1380 GATCTCAGCTACATCAGAGGCTGTTAAAGATGAGCTTGTGCTTGTGAGACAGCAGATC 1439  
 QY 1441 TTACAGCTCAAAAGAAAGTGAACACATAGAGAGCGGGCTTGGGCTTGGGGCCACCTTT 1500

Accession	Sequence	Length
Dd	TTACAGCTCACAAAGAAAGTGAACAACATTAAGACGGGCTGGGCCCTTGGGGCCACCTTT	1499
OY	CACCTGTGACGTCCTGGGCATCTCCCATTTAGAGGCCAGTACTTCCTTGGAGACGTGCA	1560
Dd	CACCTGTGACGTCCTGGGCATCTCCCATTTAGAGGCCAGTACTTCCTTGGAGACGTGCA	1559
OY	TTTGCCCAACACCTTTTAAAGGGAGAGAGAGACCTTAACTTCTGAACTAGTCT-GGGAC	1619
Dd	TTTGCCCAACACCTTTTAAAGGGAGAGAGAGACCTTAACTTCTGAACTAGTCTGGGGAC	1619
OY	ATTCCTGACCTTGACCTTGAAGATTAGCT	1648
Dd	ATTCCTGACCTTGACCTTGAAGATTAGCT	1648

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, RESULT 6
, US-09-608-285A-24
, Sequence 24, Application US/09608285A
, Patent No. 6335013
, GENERAL INFORMATION:
, APPLICANT: Ford, John
, APPLICANT: Mulero, Julio
, APPLICANT: Yeung, George
, TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO CD39-LIKE
, FILE REFERENCE: 2810/36570
, CURRENT APPLICATION NUMBER: US/09/608,285A
, CURRENT FILING DATE: 2000-06-30
, PRIOR APPLICATION NUMBER: 09/563,231
, PRIOR FILING DATE: 2000-05-26
, PRIOR APPLICATION NUMBER: 09/557,800
, PRIOR FILING DATE: 2000-04-25
, PRIOR APPLICATION NUMBER: 09/461,238
, PRIOR FILING DATE: 2000-01-11
, PRIOR APPLICATION NUMBER: 09/370,265
, PRIOR FILING DATE: 1999-08-09
, PRIOR APPLICATION NUMBER: PCT/US99/16180
, PRIOR FILING DATE: 1999-07-16
, PRIOR APPLICATION NUMBER: 09/350,836
, PRIOR FILING DATE: 1999-07-09
, PRIOR APPLICATION NUMBER: 09/273,447
, PRIOR FILING DATE: 1999-03-19
, PRIOR APPLICATION NUMBER: 09/244,444
, PRIOR FILING DATE: 1999-02-04
, PRIOR APPLICATION NUMBER: 09/122,449
, PRIOR FILING DATE: 1998-07-24
, PRIOR APPLICATION NUMBER: 09/118,205
, PRIOR FILING DATE: 1998-07-16
, NUMBER OF SEQ ID NOS: 60
, SOFTWARE: Patent Ver. 2.0
, SEQ ID NO 24
, LENGTH: 1601
, TYPE: DNA
, ORGANISM: Homo sapiens
, US-09-608-285A-24

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Query Match	69.4%	Score 1386.4	DB 4	Length 1601
Best Local Similarity	98.3%	Pred. No. 0		
Matches 1421: Conservative	0	Mismatches	1	Indels 24; Gaps 1
Oy	1	GC	GC	GC
Db	24	GC	GC	GC
Oy	61	TC	TC	TC
Db	84	TC	TC	TC
Oy	121	AA	AA	AA
Db	120	AA	AA	AA

OY	181	GGCAGGTGTGGGACAGAGATTGCTTTGCAACAACAAAGCCTCCACCACGCAACATCTTGGG	240
Db	180	TGCAGGTGTGGACACAGGATTGCTTCTGCAACAACAAAGCCTCCACCACGCAACATCTTGGG	239
OY	241	AAAAGAAATGCGCACATTCTTGGGGACACAGTCTTTTTCATAGCTGTGTATCCCTGTGTTTGC	300
Db	240	AAAAGAAATGCGCACATTCTTGGGGACACAGTCTTTTTCATAGCTGTGTATCCCTGTGTTTGC	299
OY	301	AGCGCTGTCTCCACACAGGAACACAGACTTGGTTTGAAGGTATCTTCTGTCTTCATG	360
Db	300	AGCGCTGTCTCCACACAGGAACACAGACTTGGTTTGAAGGTATCTTCTGTCTTCATG	359
OY	361	TGCCCCATCATATGTCAGGCGCCAGCACCTTGTATGGAAATTAAGTTTGAATGCAGGAGCACT	420
Db	360	TGCCCCATCATATGTCAGGCGCCAGCACCTTGTATGGAAATTAAGTTTGAATGCAGGAGCACT	419
OY	421	GGAACTGCAATTCAATGTTTACACTTGTGTGAGAAAAATGCCAGACAGACTTCCAAATTCTA	480
Db	420	GGAACTGCAATTCAATGTTTACACTTGTGTGAGAAAAATGCCAGACAGACTTCCAAATTCTA	479
OY	481	GAAGGGGAAATTTTGAATTCGTGAAGCCAGAGACTTCTGCTTTTGTATGATCAACTAAG	540
Db	480	GAAGGGGAAATTTTGAATTCGTGAAGCCAGAGACTTCTGCTTTTGTATGATCAACTAAG	539
OY	541	CAGGCTGTGTAGACCCGTTCAAGGGCTCTTAAGGTGGCCAAAGACTCAATCCCGCAAGT	600
Db	540	CAGGCTGTGTAGACCCGTTCAAGGGCTCTTAAGGTGGCCAAAGACTCAATCCCGCAAGT	599
OY	601	CACGTGAAAAAGACCCCGTGGTCTTAAAGGCACAGACAGACTACGCTTACTGCAAGAA	660
Db	600	CACGTGAAAAAGACCCCGTGGTCTTAAAGGCACAGACAGACTACGCTTACTGCAAGAA	659
OY	661	CACAAAGCCAAAGGCTCTGTCTTTGAGGTAAAGAGATCTTTCAGGAAGTCACTTTCTGTG	720
Db	660	CACAAAGCCAAAGGCTCTGTCTTTGAGGTAAAGAGATCTTTCAGGAAGTCACTTTCTGTG	719
OY	721	GTACCAAAAGGGCAGTGTAGCATCATGATGGATCCGACGAAGGCATATTAAGCTTGGGTT	780
Db	720	GTACCAAAAGGGCAGTGTAGCATCATGATGGATCCGACGAAGGCATATTAAGCTTGGGTT	779
OY	781	ACTGTGAATTTTCTGCACAGGTACAGTGTGATGGCCACACACAGAGAGACTGTGGGACCTTG	840
Db	780	ACTGTGAATTTTCTGCACAGGTACAGTGTGATGGCCACACACAGAGAGACTGTGGGACCTTG	839
OY	841	GACCTAGGGGGAGCCTCCACCACCAATACGTTTCCCTGCCCCAGTTTGTGAAAAACTCTGGAA	900
Db	840	GACCTAGGGGGAGCCTCCACCACCAATACGTTTCCCTGCCCCAGTTTGTGAAAAACTCTGGAA	899
OY	901	CAAACTCTAGGGGCTACCTCATTCTTTGAGATGTTTAAACAGCACTTATTAAGCTCTAT	960
Db	900	CAAACTCTAGGGGCTACCTCATTCTTTGAGATGTTTAAACAGCACTTATTAAGCTCTAT	959
OY	961	ACACATTAATTACTTGGGATTTTGGATTTGAAACCTGCACATAGACAAACCCCTGGAGCCCTG	1020
Db	960	ACACATTAATTACTTGGGATTTTGGATTTGAAACCTGCACATAGACAAACCCCTGGAGCCCTG	1019
OY	1021	GAGACAGAAAGGAGACTGATGGGACACACTTTCCGAGATGCTCTTTTACCGAGATGGTTGGAA	1080
Db	1020	GAGACAGAAAGGAGACTGATGGGACACACTTTCCGAGATGCTCTTTTACCGAGATGGTTGGAA	1079
OY	1081	GCAGAGTGGATCTTTGGGGGTGTGAATAATACAGTATGGTGGCAACCAAGAAAGGGAGGTG	1140
Db	1080	GCAGAGTGGATCTTTGGGGGTGTGAATAATACAGTATGGTGGCAACCAAGAAAGGGAGGTG	1139
OY	1141	GGCTTTGAGCCCTGCTATGCCGAAGTGTGAGGGTGGTACGAGAGAAAACTTCACCAGGCA	1200
Db	1140	GGCTTTGAGCCCTGCTATGCCGAAGTGTGAGGGTGGTACGAGAGAAAACTTCACCAGGCA	1199
OY	1201	GAGGAGGTCCACAGAGAGTTCCTCTATCTTCTTCTCTTATTAAGACCGAGCTGTTTGC	1260
Db	1200	GAGGAGGTCCACAGAGAGTTCCTCTATCTTCTTCTTCTTATTAAGACCGAGCTGTTTGC	1259
OY	1261	ACAGACATGATTGATTATGAAGAAGGGGGTATTTTAAAGTTGAAGATTTTGAAGAAAA	1320

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Db      1260 ACACACATGATTGATTATGAAAGGGGGTATTTTAAAGTGAAGATTTTGAAGAAAA 1319
OY      1321 GCCAGGGAGTGTGTGATTAATCTTGAAAACTTCACTCAGCAGTCTTCTGTGCATG 1380
Db      1320 GCCAGGGAGTGTGTGATTAATCTTGAAAACTTCACTCAGCAGTCTTCTGTGCATG 1379
OY      1381 GATCTCAGCTACATCAGCCCTGTAAAGATGTGCTTGTGCATCAGACAGCAGTC 1440
Db      1380 GATCTCAGCTACATCAGCCCTGTAAAGATGTGCTTGTGCATCAGACAGCAGTC 1439
OY      1441 TTACAG 1446
Db      1440 TTACAG 1445

RESULT 7
US-09-370-265-24
; Sequence 24, Application US/09370265
; Patent No. 6447771
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Mulero, Julio
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE
; FILE REFERENCE: 2811/35908
; CURRENT APPLICATION NUMBER: US/09/370,265
; EARLIER FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: PCT/US99/16180
; EARLIER FILING DATE: 1999-07-16
; EARLIER APPLICATION NUMBER: 09/350,836
; EARLIER FILING DATE: 1999-07-09
; EARLIER APPLICATION NUMBER: 09/273,447
; EARLIER FILING DATE: 1999-03-19
; EARLIER APPLICATION NUMBER: 09/244,444
; EARLIER FILING DATE: 1999-02-04
; EARLIER APPLICATION NUMBER: 09/122,449
; EARLIER FILING DATE: 1998-07-24
; EARLIER APPLICATION NUMBER: 09/118,205
; EARLIER FILING DATE: 1998-07-16
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 1601
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-370-265-24

Query Match      69.4%: Score 1386.4; DB 4; Length 1601;
Best Local Similarity 98.3%; Pred. No. 0;
Matches 1421; Conservative 0; Mismatches 1; Indels 24; Gaps 1;

```

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Db      300 AGGCGTCTCCACAGAGAACACAGACACTGGTTTGAGGATCTTCTGCTTCATG 359
OY      361 TGCCCATCATATGTACAGCCGACACCTTGTATGAAATATGTTGATGACAGGAGCACT 420
Db      360 TGCCCATCATATGTACAGCCGACACCTTGTATGAAATATGTTGATGACAGGAGCACT 419
OY      421 GGAAGTGAATTCATGTTTACCTTGTGAGAAATGCGAGGACACTTCCAAATCTA 480
Db      420 GGAAGTGAATTCATGTTTACCTTGTGAGAAATGCGAGGACACTTCCAAATCTA 479
OY      481 GAAAGGAGATTTTGTGATCTGTGAAAGCAGACCTTCTGCTTGTGATCAACCTTAAG 540
Db      480 GAAAGGAGATTTTGTGATCTGTGAAAGCAGACCTTCTGCTTGTGATCAACCTTAAG 539
OY      541 CAGGCTGTACAGCCGTTCAAGGCTCTTAGAGGTGGCCAAAGACTCAATCCCGGAAGT 600
Db      540 CAGGCTGTACAGCCGTTCAAGGCTCTTAGAGGTGGCCAAAGACTCAATCCCGGAAGT 599
OY      601 CACTGGAAGAAAGACCCGAGTGTCTTAAGGCAACAGAGACTACGCTTACTGCGAGAA 660
Db      600 CACTGGAAGAAAGACCCGAGTGTCTTAAGGCAACAGAGACTACGCTTACTGCGAGAA 659
OY      661 CACAAAGCCAAAGCTCTGCTTGTGAGTAAAGAGATCTTCAAGAGTCACTTTCCTG 720
Db      660 CACAAAGCCAAAGCTCTGCTTGTGAGTAAAGAGATCTTCAAGAGTCACTTTCCTG 719
OY      721 GTACCAAGGGAGCTGTACATCATGATGATGATCCGAGAGGATATTAAGTTGGTT 780
Db      720 GTACCAAGGGAGCTGTACATCATGATGATGATCCGAGAGGATATTAAGTTGGTT 779
OY      781 ACTGTGAATTTTGTACAGCTGTACAGCTGTACAGCTGTACAGCTGTACAGCTGTG 840
Db      780 ACTGTGAATTTTGTACAGCTGTACAGCTGTACAGCTGTACAGCTGTACAGCTGTG 839
OY      841 GACCTTGGGGGAGCTTCCACCAATACAGCTTCTGCCCCAGTTTGAAGAACTGTGAA 900
Db      840 GACCTTGGGGGAGCTTCCACCAATACAGCTTCTGCCCCAGTTTGAAGAACTGTGAA 899
OY      901 CAAACTCTTGTAGGGGCTACCTCAGTCTTGTAGAGTGTAAACAGACTTAACTCTAT 960
Db      900 CAAACTCTTGTAGGGGCTACCTCAGTCTTGTAGAGTGTAAACAGACTTAACTCTAT 959
OY      961 ACACATAGTTACTTGGGATTTGGATGAAAGCTGCAAGACTAGCAACCTTGGAGCCCTG 1020
Db      960 ACACATAGTTACTTGGGATTTGGATGAAAGCTGCAAGACTAGCAACCTTGGAGCCCTG 1019
OY      1021 GAGACAGAGGAGCTGATGGGACACTTTCGCGAGTCCGTTTACCGAGATGGTTGAA 1080
Db      1020 GAGACAGAGGAGCTGATGGGACACTTTCGCGAGTCCGTTTACCGAGATGGTTGAA 1079
OY      1081 GCAGAGTGTATCTTGGGGGTGTGAAATACAGATATGTGTGCAACCAAGAGGAGGTG 1139
Db      1140 GCAGAGTGTATCTTGGGGGTGTGAAATACAGATATGTGTGCAACCAAGAGGAGGTG 1139
OY      1141 GCGTTTGACCCCTGTATGCGGAGTGTGAGGGGTGTACAGAGAAACTTCCACAGCA 1200
Db      1140 GCGTTTGACCCCTGTATGCGGAGTGTGAGGGGTGTACAGAGAAACTTCCACAGCA 1199
OY      1201 GAGGAGTGTCCAGAGAGTTCCTTCTATGCTTCTTACTATATATGACGAGCTGTGAC 1260
Db      1200 GAGGAGTGTCCAGAGAGTTCCTTCTATGCTTCTTACTATATATGACGAGCTGTGAC 1259
OY      1261 ACAGACATGATGATTAATGAAAGGGGGGATTTTAAAGTTGAGATTTTGAAGAAAA 1320
Db      1260 ACAGACATGATGATTAATGAAAGGGGGGATTTTAAAGTTGAGATTTTGAAGAAAA 1319
OY      1321 GCCAGGAAAGTGTGATTAATCTTGAAAACTTCACTCAGCAGTCTTCTGTGCATG 1380
Db      1320 GCCAGGAAAGTGTGATTAATCTTGAAAACTTCACTCAGCAGTCTTCTGTGCATG 1379
OY      1381 GATCTCAGCTACATCAGCCCTGTAAAGATGTGCTTGTGCATCAGACAGCAGTC 1440

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DB 1380 GATCTACGCTACATCAAGCCCTGTTAAAGATGGCTTGGCTTGCAGACAGACAGTC 1439  
 OY 1441 TTACAG 1446  
 DB 1440 TTACAG 1445

RESULT 8  
 US-09-557-800C-24

; Sequence 24, Application US/09557800C  
 ; Patent No. 6476211  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; APPLICANT: Muliero, Julio  
 ; APPLICANT: Yeung, George  
 ; TITLE OF INVENTION: Polypeptides  
 ; FILE REFERENCE: 28110/36457  
 ; CURRENT APPLICATION NUMBER: US/09/557, 800C  
 ; PRIOR FILING DATE: 2000-04-25  
 ; PRIOR APPLICATION NUMBER: 09/481,238  
 ; PRIOR FILING DATE: 2000-01-11  
 ; PRIOR APPLICATION NUMBER: 09/370,265  
 ; PRIOR FILING DATE: 1999-08-09  
 ; PRIOR APPLICATION NUMBER: PCT/US99/16180  
 ; PRIOR FILING DATE: 1999-07-16  
 ; PRIOR APPLICATION NUMBER: 09/350836  
 ; PRIOR FILING DATE: 1999-07-09  
 ; PRIOR APPLICATION NUMBER: 09/273447  
 ; PRIOR FILING DATE: 1999-03-19  
 ; PRIOR APPLICATION NUMBER: 09/122449  
 ; PRIOR FILING DATE: 1998-07-24  
 ; PRIOR APPLICATION NUMBER: 09/244444  
 ; PRIOR FILING DATE: 1999-02-04  
 ; PRIOR APPLICATION NUMBER: 09/118,205  
 ; PRIOR FILING DATE: 1998-07-16  
 ; NUMBER OF SEQ ID NOS: 56  
 ; SOFTWARE: Patentin Ver. 2.0  
 ; SEQ ID NO 24  
 ; LENGTH: 1601  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-557-800C-24

Query Match 69.4%; Score 1386.4; DB 4; Length 1601;  
 Best Local Similarity 98.3%; Pred. No. 0;  
 Matches 1421; Conservative 0; Mismatches 1; Indels 24; Gaps 1;

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 OY 61 TCATACAGACAGATCATTTATGTTAGTGTGAGTGTCTTATCCATATGAAGTTG 120  
 DB 84 TCATACAGACAGATCATTTATGTTAGTGTGAGTGTCTTATCCATATGAAGTTG 119  
 OY 121 AAAAAGTATATATTAAGAAACCAAGAGAAATTCAGAAAGAAATTCGCTC 180  
 DB 120 AAAAAGTATATTAAGAAACCAAGAGAAATTCAGAAAGAAATTCGCTC 179  
 OY 181 TGCAGGTGTGCGAGCAGATTCCTTCTGCAACAAAAGCCTCACCCAGCATCTTGGG 240  
 DB 180 TGCAGGTGTGCGAGCAGATTCCTTCTGCAACAAAAGCCTCACCCAGCATCTTGGG 239  
 OY 241 AAAAGATGGCCACTTCTTGGGCAAGTCTTTTCATGCTGTGATCTGCTGTTC 300  
 DB 240 AAAAGATGGCCACTTCTTGGGCAAGTCTTTTCATGCTGTGATCTGCTGTTC 299  
 OY 301 AGCGGTGTCTCCACAGGAACCAAGACAGATTTGTTGAAGGTATCTTCTGCTTCATG 360  
 DB 300 AGCGGTGTCTCCACAGGAACCAAGACAGATTTGTTGAAGGTATCTTCTGCTTCATG 359  
 OY 361 TGCCCATCATATGTACAGGCCCAAGCACTTTGTATGAATTTATGTTGATCAGGAGCACT 420

DB 360 TGCCCATCATATGTACAGGCCCAAGCACTTTGTATGAATTTATGTTGATCAGGAGCACT 419  
 OY 421 GGACCTGCAATTCATGTTTACACCTTTGTGACAGAAATGCGACAGACCTTCCAAATTC 480  
 DB 420 GGAACTGCAATTCATGTTTACACCTTTGTGACAGAAATGCGACAGACCTTCCAAATTC 479  
 OY 481 GAAGGGAAGTTTATCTCTGAAAGCCAGACTTCTGCTTTGTAGATCAACCTAAG 540  
 DB 480 GAAGGGAAGTTTATCTCTGAAAGCCAGACTTCTGCTTTGTAGATCAACCTAAG 539  
 OY 541 CAGGCTGTGAGACCTGCTTCAAGGCTTTAGAGGTGGCCAAAGACTCAATCCCGAAGT 600  
 DB 540 CAGGCTGTGAGACCTGCTTCAAGGCTTTAGAGGTGGCCAAAGACTCAATCCCGAAGT 599  
 OY 601 CACTGCAAAAAGCCCAAGTGTCTTAAAGGCAACAGCAGACTACGCTTACTGCCAGAA 660  
 DB 600 CACTGCAAAAAGCCCAAGTGTCTTAAAGGCAACAGCAGACTACGCTTACTGCCAGAA 659  
 OY 661 CACAAGCCCAAGGCTGCTTGTGAGGTAAAGAGATCTTCAAGAGTCACTTCTCTG 720  
 DB 660 CACAAGCCCAAGGCTGCTTGTGAGGTAAAGAGATCTTCAAGAGTCACTTCTCTG 719  
 OY 721 GTACCAAGGCGAGTGTAGCATCATGATGATCCGACAGACATATTAGCTTGGTT 780  
 DB 720 GTACCAAGGCGAGTGTAGCATCATGATGATCCGACAGACATATTAGCTTGGTT 779  
 OY 781 ACTGTAAATTTTGTGACAGGTGACGTGATGCGACAGACAGACAGTGTGGGACCTTG 840  
 DB 780 ACTGTAAATTTTGTGACAGGTGACGTGATGCGACAGACAGACAGTGTGGGACCTTG 839  
 OY 841 GACCTAAGGCGAGCTTCCACCCCAATCAGTCTCTGCCCAAGTTAGAAACCTCGGAA 900  
 DB 840 GACCTAAGGCGAGCTTCCACCCCAATCAGTCTCTGCCCAAGTTAGAAACCTCGGAA 899  
 OY 901 CAAACTCTAAGGCGTCACTCACTTCTTGAAGTGTAAACAGCACTTAAAGCTCTAT 960  
 DB 900 CAAACTCTAAGGCGTCACTCACTTCTTGAAGTGTAAACAGCACTTAAAGCTCTAT 959  
 OY 961 ACACATATGTTACTTGGGATTTGGATTGAAAGCTGCAAGACTACCAACCTCGGAGCTTG 1020  
 DB 960 ACACATATGTTACTTGGGATTTGGATTGAAAGCTGCAAGACTACCAACCTCGGAGCTTG 1019  
 OY 1021 GAGACAGAAAGGCTATGAGGCGACACTTCCGAGAGGCTGTACCGAGATGTTGGAA 1080  
 DB 1020 GAGACAGAAAGGCTATGAGGCGACACTTCCGAGAGGCTGTGTACCGAGATGTTGGAA 1079  
 OY 1081 GCAGAGTGTATCTTGGGGGTGTGAAATACCAATGATGTGGCAACCAAGAGGAGGTG 1140  
 DB 1080 GCAGAGTGTATCTTGGGGGTGTGAAATACCAATGATGTGGCAACCAAGAGGAGGTG 1139  
 OY 1141 GCGTTTGAAGCCCTGATCCGAGAGTGTGAGGCTGTACGAGAAATCTTCCACGACCA 1200  
 DB 1140 GCGTTTGAAGCCCTGATCCGAGAGTGTGAGGCTGTGTACGAGAAATCTTCCACGACCA 1199  
 OY 1201 GAGGAGTCCAGAGAGTCTCTTCTATGCTTCTTACTATATACGAGCTGTGTAC 1260  
 DB 1200 GAGGAGTCCAGAGAGTCTCTTCTATGCTTCTTACTATATACGAGCTGTGTAC 1259  
 OY 1261 ACAGACATATGATTTAGAAAGGGGGTATTTAAAGTTGAAGATTTTGAAGAAAA 1320  
 DB 1260 ACAGACATATGATTTAGAAAGGGGGTATTTAAAGTTGAAGATTTTGAAGAAAA 1319  
 OY 1321 GCCAGGGAAGTGTGATATTAACCTTGAAACCTTACCTCAGGCGATCTTCCGTGATG 1380  
 DB 1320 GCCAGGGAAGTGTGATATTAACCTTGAAACCTTACCTCAGGCGATCTTCCGTGATG 1379  
 OY 1381 GATCTCAGCTACATCAAGCCCTGTTAAAGATGAGTGTGCTTGCATCAGACAGACAGTC 1440  
 DB 1380 GATCTCAGCTACATCAAGCCCTGTTAAAGATGAGTGTGCTTGCATCAGACAGACAGTC 1439  
 OY 1441 TTACAG 1446  
 DB 1440 TTACAG 1445

Db 1440 TTACAG 1445

RESULT 9

US-09-608-285A-4  
; Sequence 4, Application US/09608285A

; Patent No. 6335013

; GENERAL INFORMATION:

; APPLICANT: Ford, John

; APPLICANT: Mulero, Julio

; APPLICANT: Jeung, George

; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO CD39-LIKE

; FILE REFERENCE: 28110/36570

; CURRENT APPLICATION NUMBER: US/09/608, 285A

; PRIOR APPLICATION NUMBER: 09/583,231

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: 09/557,800

; PRIOR FILING DATE: 2000-04-25

; PRIOR APPLICATION NUMBER: 09/481,238

; PRIOR FILING DATE: 2000-01-11

; PRIOR APPLICATION NUMBER: 09/370,265

; PRIOR FILING DATE: 1999-08-09

; PRIOR APPLICATION NUMBER: PCT/US99/16180

; PRIOR FILING DATE: 1999-07-16

; PRIOR APPLICATION NUMBER: 09/273,447

; PRIOR FILING DATE: 1999-03-19

; PRIOR APPLICATION NUMBER: 09/244,444

; PRIOR FILING DATE: 1999-02-04

; PRIOR APPLICATION NUMBER: 09/122,449

; PRIOR FILING DATE: 1998-07-24

; PRIOR APPLICATION NUMBER: 09/118,205

; PRIOR FILING DATE: 1998-07-16

; NUMBER OF SEQ ID NOS: 60

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 4

; LENGTH: 1287

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: CDS

; LOCATION: (1)..(1284)

US-09-608-285A-4

Query Match 64.38; Score 1285.4; DB 4; Length 1287;  
Best Local Similarity 99.98; Pred. No. 0;  
Matches 1286; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

247 ATGGCCACTCTTGGGGGACAGTCTTTTCATGCTGCTGATCCCTGTTGGAGCGCT 306  
1 ATGGCCACTCTTGGGGGACAGTCTTTTCATGCTGCTGATCCCTGTTGGAGCGCT 60  
307 GTCTCCACAGGAGACGAGACTTGTGAGGGTATCTTCTTCCATGTGCCCC 366  
61 GTCTCCACAGGAGACGAGACTTGTGAGGGTATCTTCTTCCATGTGCCCC 120  
367 ATCAATGTCAAGCCGACACCTTGTATGAATTAATGTTTGCAGGAGACCTGGAAT 426  
121 ATCAATGTCAAGCCGACACCTTGTATGAATTAATGTTTGCAGGAGACCTGGAAT 180  
427 CGAATTCATGTTTACACCTTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 486  
181 CGAATTCATGTTTACACCTTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 240  
487 GAAGTTTGTGATCTGTGAAGCAGGAGCTTGTCTGTTGTAGATCAACCTTAAGCAGG 546  
241 GAAGTTTGTGATCTGTGAAGCAGGAGCTTGTCTGTTGTAGATCAACCTTAAGCAGG 300  
547 GCTGAGACCTTCAAGGGCTTGTAGAGGTGCGCAAGAGCTAATCCCGAAGTCACTGG 606

Db 301 GCTGAGACCGTTCAAGGGCTTGAAGGTGGCCAAAGACTCAATCCCCGAGTCACTGG 360

QY 607 AAAAGAGCCCGAGTGGTCTTAAGGCAACGACGAGACTAGCTTACTGCGAAGACAAA 666

Db 361 AAAAGAGCCCGAGTGGTCTTAAGGCAACGACGAGACTAGCTTACTGCGAAGACAAA 420

QY 667 GCCAAGGCTCTGCTTTGAGGATTAAGGAGATCTTCAGGAAGTCACTTCTGTTACCA 726

Db 421 GCCAAGGCTCTGCTTTGAGGATTAAGGAGATCTTCAGGAAGTCACTTCTGTTACCA 480

QY 727 AAGGCGATGTTAGATCATGATGATGATGATGATGATGATGATGATGATGATGATG 786

Db 481 AAGGCGATGTTAGATCATGATGATGATGATGATGATGATGATGATGATGATGATG 540

QY 787 AATTTCTACAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 846

Db 541 AATTTCTACAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 600

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Db 601 GGGGAGCCTCCAGCCCAATCAGTTCCTGCCCCAGTTTGAGAAAACCTGTGAAACAACT 660

QY 907 CCTAGGGCTACTCTCTCTTGTAGATGTTTAACAGCACTTAAGCTCTATACAT 966

Db 661 CCTAGGGCTACTCTCTCTTGTAGATGTTTAACAGCACTTAAGCTCTATACAT 720

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Db 721 AGTTACTTGAGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 780

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Db 781 GAAGGAGCTGATGGGACACTTTCGAGAGTGCCTGTTTACCGAGATGTTGAAGCAGAG 840

QY 1087 TGGATCTTTGGGGGTGAAATACAGTATGATGATGATGATGATGATGATGATGATG 1146

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QY 1147 GAGCCCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1206

Db 901 GAGCCCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 960

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QY 1507 TTGCACTCTCTGGGAGCTCTCCCATTTGA 1533

Db 1261 TTGCACTCTCTGGGAGCTCTCCCATTTGA 1287

RESULT 10

US-09-350-836B-4  
; Sequence 4, Application US/09350836B

; Patent No. 6387645

; GENERAL INFORMATION:

; APPLICANT: Ford, John



: APPLICANT: Mulero, Julio  
 : TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE  
 : FILE OF INVENTION: POLYPEPTIDES  
 : FILE REFERENCE: 28110/35761  
 : CURRENT APPLICATION NUMBER: US/09/350,836B  
 : CURRENT FILING DATE: 1999-07-09  
 : PRIOR APPLICATION NUMBER: 09/273,447  
 : PRIOR FILING DATE: 1999-03-19  
 : PRIOR APPLICATION NUMBER: 09/118,205  
 : PRIOR FILING DATE: 1998-07-16  
 : PRIOR APPLICATION NUMBER: 09/122,449  
 : PRIOR FILING DATE: 1998-07-24  
 : PRIOR APPLICATION NUMBER: 09/244,444  
 : PRIOR FILING DATE: 1999-02-04  
 : NUMBER OF SEQ ID NOS: 23  
 : SOFTWARE: Patentln Ver. 2.0  
 : SEQ ID NO 4  
 : LENGTH: 1287  
 : TYPE: DNA  
 : ORGANISM: Homo sapiens  
 : FEATURE:  
 : NAME/KEY: CDS  
 : LOCATION: (1)..(1284)  
 : US-09-350-836B-4

Query Match 64.3% Score 1285.4; DB 4; Length 1287;  
 Best Local Similarity 99.9% Pred. No. 0;  
 Matches 1286; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 247 ATGCCACTTCTTGGGACAGCTTTTCATGCTGGTATCTGTGTTTCACGCT 306  
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 DB 1 ATGGCCACTTCTTGGGACAGCTTTTCATGCTGGTATCTGTGTTTCACGCT 60  
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 QY 307 GTCTCCACAGNACGACGACTGTTGAAGGATCTTCTGTCTTCATGTGCCCC 366  
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 DB 61 GTCTCCACAGNACGACGACTGTTGAAGGATCTTCTGTCTTCATGTGCCCC 120  
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 QY 367 ATCAATGTCAGGCGCCGACCTTGTATGATATGTTGATGACGAGGACATGGAAT 426  
 |||||  
 DB 121 ATCAATGTCAGGCGCCGACCTTGTATGATATGTTGATGACGAGGACATGGAAT 180  
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 DB 181 CGAATTCATGTTTACACCTTGTGCAAAAATGCCAGACAGCTTCCAAATTCAGAAAGG 240  
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 QY 547 GCTGACACGCTTCAAGGCTCTTGAAGTGGCCAAAGACTCAATCCCGGAGTCACTGG 606  
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 DB 301 GCTGACACGCTTCAAGGCTCTTGAAGTGGCCAAAGACTCAATCCCGGAGTCACTGG 360  
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 QY 667 GCCAAGGCTCTGCTTTGAAGTAAAGAGATCTTCAAGAGTCACTTCTGCTGATCA 726  
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 DB 541 AATTTCTGACAGAGTCACTGATGACACAGACAGAGACTGTGGGACCTTGGACCTA 600  
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 DB 601 GGGGAGGCTTCCAAATCAGCTTCTGCCCCAGTTTGAAGAAACTCTGGAACT 660

QY 907 CCTAGGGCTACCTACTCTTGTGAGATGTTAAACGACCTATTAAGCTCTATACAT 966  
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 DB 721 AGTTACTGGGATTTGGATTTGAAAGTGCAGACTAGCAACCTGGAGCCCTGGAGACA 780  
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 DB 841 TGATCTTTGGGGGTGAAATACAGATGATGAGCAACCAAGAGGAGTGAGCTTT 900  
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 QY 1147 GAGCCCTGCTATGCCGAAGTGTGAGGGTGTACGAGAAACTTCCACGACAGAGAG 1206  
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 DB 901 GAGCCCTGCTATGCCGAAGTGTGAGGGTGTACGAGAAACTTCCACGACAGAGAG 960  
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 QY 1507 TTGCACTCTCTGGGACATCTCCCATTTGA 1533  
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 DB 1261 TTGCACTCTCTGGGACATCTCCCATTTGA 1287  
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RESULT 11  
 US-09-370-265-4  
 : Sequence 4, Application US/09370265  
 : Patent No. 6447771  
 : GENERAL INFORMATION:  
 : APPLICANT: Ford, John  
 : APPLICANT: Mulero, Julio  
 : TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE  
 : FILE REFERENCE: 28111/35908  
 : CURRENT APPLICATION NUMBER: US/09/370,265  
 : CURRENT FILING DATE: 1999-08-09  
 : EARLIER APPLICATION NUMBER: PCT/US99/16180  
 : EARLIER FILING DATE: 1999-07-16  
 : EARLIER APPLICATION NUMBER: 09/350,836  
 : EARLIER FILING DATE: 1999-07-09  
 : EARLIER APPLICATION NUMBER: 09/273,447  
 : EARLIER FILING DATE: 1999-03-19  
 : EARLIER APPLICATION NUMBER: 09/244,444  
 : EARLIER FILING DATE: 1999-02-04  
 : EARLIER APPLICATION NUMBER: 09/122,449  
 : EARLIER FILING DATE: 1998-07-24  
 : EARLIER APPLICATION NUMBER: 09/118,205  
 : EARLIER FILING DATE: 1998-07-16  
 : NUMBER OF SEQ ID NOS: 37  
 : SOFTWARE: Patentln Ver. 2.0  
 : SEQ ID NO 4  
 : LENGTH: 1287

TYPE: DNA  
 ORGANISM: Homo sapiens  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: (1)..(1284)  
 US-09-570-265-4

Query Match 64.3% Score 1285.4; DB 4; Length 1287;  
 Best Local Similarity 99.9%; Pred. No. 0;  
 Matches 1286; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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OY 247 ATGGCCACTTCTGGGGGACAGTCTTTTATGCTGTGCTATCTGTGTTGACGCGT
DB 1 ATGGCCACTTCTGGGGGACAGTCTTTTATGCTGTGCTATCTGTGTTGACGCGT 60
OY 307 GTCTCCACAGAAACCGACAGTCTGTGTTGAGGGTATCTTCCTGTCATGTGCCCC
DB 61 GTCTCCACAGAAACCGACAGTCTGTGTTGAGGGTATCTTCCTGTCATGTGCCCC 120
OY 367 ATCAATGTCAAGCCACACCTTGTATGAAATATATGTATGATGAGGAGCAGTGGAACT
DB 121 ATCAATGTCAAGCCACACCTTGTATGAAATATATGTATGATGAGGAGCAGTGGAACT 180
OY 427 CGAATTCATTTTACACCTTTGTGCAAAAATGCGCAGACAGCTTCCAATTCATGAAAGG
DB 181 CGAATTCATTTTACACCTTTGTGCAAAAATGCGCAGACAGCTTCCAATTCATGAAAGG 240
OY 487 GAAGTTTGTATTTCTGGAAGCCAGAGCTTCTGCTTTTGTAGATCAACCTTAAGAGGCT
DB 241 GAAGTTTGTATTTCTGGAAGCCAGAGCTTCTGCTTTTGTAGATCAACCTTAAGAGGCT 300
OY 547 GCTGAGACCGTTCAAGGGCTCTTATAGAGTGGCCAAAGCTCAATCCCGAAGTCATGCG
DB 301 GCTGAGACCGTTCAAGGGCTCTTATAGAGTGGCCAAAGCTCAATCCCGAAGTCATGCG 360
OY 607 AAAAAGACCCACTGTGCTCTTAAAGGCAACAGCAGACTACGCTTACTGCGAACAACA
DB 361 AAAAAGACCCACTGTGCTCTTAAAGGCAACAGCAGACTACGCTTACTGCGAACAACA 420
OY 667 GCCAAGGCTGTGCTTTTGAAGGTAAGAGATCTTCAAGAACTCAACCTTCTGCTTACCA
DB 421 GCCAAGGCTGTGCTTTTGAAGGTAAGAGATCTTCAAGAACTCAACCTTCTGCTTACCA 480
OY 727 AAGGGAGTGTATGATCATGATGATGATCCGACAAAGCAATTAAGTGGGTACTGTG
DB 481 AAGGGAGTGTATGATCATGATGATGATCCGACAAAGCAATTAAGTGGGTACTGTG 540
OY 787 AATTTTCTGACAGTCACTGATGATGATGATGATGATGATGATGATGATGATGATGAT
DB 541 AATTTTCTGACAGTCACTGATGATGATGATGATGATGATGATGATGATGATGATGAT 600
OY 847 GGGGAGACCTCCACCCAAATCAGCTTCTGCCCCAGTTTGAAGAACTCTGGAACAACT
DB 601 GGGGAGACCTCCACCCAAATCAGCTTCTGCCCCAGTTTGAAGAACTCTGGAACAACT 660
OY 907 CCTAGGGGCTACCTCACTTCTTGTGAGATGTTTAAACGACCTTATAAGCTCTATACAT
DB 661 CCTAGGGGCTACCTCACTTCTTGTGAGATGTTTAAACGACCTTATAAGCTCTATACAT 720
OY 967 AGTTACTTGGGATTTGGATTTGAAGCTGCAAGCTAGCAACCTGGAGCCCTGGAGACA
DB 721 AGTTACTTGGGATTTGGATTTGAAGCTGCAAGCTAGCAACCTGGAGCCCTGGAGACA 780
OY 1027 GAAGGACTGATGGGACACTTCCGAGAGTCTGTTTACCGAGATGTTGGAGAGCAGAG
DB 781 GAAGGACTGATGGGACACTTCCGAGAGTCTGTTTACCGAGATGTTGGAGAGCAGAG 840
OY 1087 TGGATCTTTGGGGGTGTAATAACAGTATGTGGCAACCAAGAGGAGGTGGGCTTT
DB 841 TGGATCTTTGGGGGTGTAATAACAGTATGTGGCAACCAAGAGGAGGTGGGCTTT 900
OY 1147 GAGCCCTGTATGCGCAAGTGTGAGGGTGTACGAGGAAACTTCAACGACGAGAGAG
DB 1147 GAGCCCTGTATGCGCAAGTGTGAGGGTGTACGAGGAAACTTCAACGACGAGAGAG 1206

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DB 901 GAGCCCTGTATGCGCAAGTGTGAGGGTGTACGAGGAAACTTCAACGACGAGAGAG 960
OY 1207 GTCCACAGAGGTTCTTTATGCTTTCTTACTATTATGACGAGCTGTTGACACAGAC 1266
DB 961 GTCCACAGAGGTTCTTTATGCTTTCTTACTATTATGACGAGCTGTTGACACAGAC 1020
OY 1267 ATGATTTGATTAAGAAAGGGGGGTATTTTAAAGTTGAAGATTTGAAGAAAGCCAGG 1326
DB 1021 ATGATTTGATTAAGAAAGGGGGGTATTTTAAAGTTGAAGATTTTGAAGAAAGCCAGG 1080
OY 1327 GAAGTGTGATTAACCTTGAAGAACTTCACCTCAGGAGCTCTTCTGTGTGATGATCTC 1386
DB 1081 GAAGTGTGATTAACCTTGAAGAACTTCACCTCAGGAGCTCTTCTGTGTGATGATCTC 1140
OY 1387 AGCTACATCAGACCCCTGTTTAAAGATGCTTTGGCTTTTGCAGACACAGTCTTACAG 1446
DB 1141 AGCTACATCAGACCCCTGTTTAAAGATGCTTTGGCTTTTGCAGACACAGTCTTACAG 1200
OY 1447 CTCACAAAGAAATGAACAACATAGAGAGGGGCTTTGGGGGCGACCTTTCACCTG 1506
DB 1201 CTCACAAAGAAATGAACAACATAGAGAGGGGCTTTGGGGGCGACCTTTCACCTG 1260
OY 1507 TTGCACTCTCTGGGACATCTCCCATTTGA 1533
DB 1261 TTGCACTCTCTGGGACATCTCCCATTTGA 1287

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RESULT 12  
 US-09-557-800C-4  
 Sequence 4, Application US/09557800C  
 Patent No. 6476211

GENERAL INFORMATION:  
 APPLICANT: Ford, John  
 APPLICANT: Mulero, Julio

APPLICANT: Yeung, George  
 TITLE OF INVENTION: Methods and Materials Relating to CD39-Like  
 FILE REFERENCE: 28110/36457  
 CURRENT APPLICATION NUMBER: US/09/557, 800C

PRIOR FILING DATE: 2000-04-25  
 PRIOR APPLICATION NUMBER: 09/481, 238  
 PRIOR FILING DATE: 2000-01-11  
 PRIOR APPLICATION NUMBER: 09/370, 265  
 PRIOR FILING DATE: 1999-08-09  
 PRIOR APPLICATION NUMBER: PCT/US99/16180  
 PRIOR FILING DATE: 1999-07-16  
 PRIOR APPLICATION NUMBER: 09/350836  
 PRIOR FILING DATE: 1999-07-09  
 PRIOR APPLICATION NUMBER: 09/273447  
 PRIOR FILING DATE: 1999-03-19  
 PRIOR APPLICATION NUMBER: 09/122449  
 PRIOR FILING DATE: 1998-07-24  
 PRIOR APPLICATION NUMBER: 09/244444  
 PRIOR FILING DATE: 1999-02-04  
 PRIOR APPLICATION NUMBER: 09/118, 205  
 PRIOR FILING DATE: 1998-07-16  
 NUMBER OF SEQ ID NOS: 56  
 SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 4  
 LENGTH: 1287  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: (1)..(1284)  
 US-09-557-800C-4

Query Match 64.3% Score 1285.4; DB 4; Length 1287;  
 Best Local Similarity 99.9%; Pred. No. 0;  
 Matches 1286; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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OY 247 ATGGCCACTTCTGGGGGACAGTCTTTTATGCTGTGCTATCTGTGTTGACGCGT
DB 1 ATGGCCACTTCTGGGGGACAGTCTTTTATGCTGTGCTATCTGTGTTGACGCGT 306

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Db      1 ATGGCACTCTCTGGGGGACAGATCTTTTCATGCTGNGATCCGTGTTTTCAGCGCT 60
Oy      307 GTCGCCACAGGAACACAGACTGCTTGGGGATCTTCTGCTCCATGNGCCCC 366
Db      61 GTCGCCACAGGAACACAGACTGCTTGGGGATCTTCTGCTCCATGNGCCCC 120
Oy      367 ATCAATGTCAGGCGCAGACCTTGTATGGAATATGTTGATGACGAGACACTGGAACT 426
Db      121 ATCAATGTCAGGCGCAGACCTTGTATGGAATATGTTGATGACGAGGACATGGAAT 180
Oy      427 CGAATTCATGTTTACACCTTGTGCAAGAAATCCAGACAGACTTCCAAATTCAGAAAGG 486
Db      181 CGAATTCATGTTTACACCTTGTGCAAGAAATCCAGACAGACTTCCAAATTCAGAAAGG 240
Oy      487 GAAGTTTGTATCTGTGACGCCAGACTTCTGCTTGTGATCACTCAAGCAGGCT 546
Db      241 GAAGTTTGTATCTGTGACGCCAGACTTCTGCTTGTGATCACTCAAGCAGGCT 300
Oy      547 GCTGAGACCGTTCAAGGGCTCTTAGAGTGCCCAAGACTCAATCCCGAAGTCACTGG 606
Db      301 GCTGAGACCGTTCAAGGGCTCTTAGAGTGCCCAAGACTCAATCCCGAAGTCACTGG 360
Oy      607 AAAAGACCCCGAGTGCTCTAAAGCACAGACAGACTACGCTTACTGCCAGAACACAA 666
Db      361 AAAAGACCCCGAGTGCTCTAAAGCACAGACAGACTACGCTTACTGCCAGAACACAA 420
Oy      667 GCCAAGGCTCTGCTTGGAGTAAAGGATCTTCAGAGATCCCTTCCGCTGACACA 726
Db      421 GCCAAGGCTCTGCTTGGAGTAAAGGATCTTCAGAGATCCCTTCCGCTGACACA 480
Oy      727 AAGGCGAGTGTAGCATCATGATGATGATCCGAGGACATATTAAGCTTGGGTACTGTG 786
Db      481 AAGGCGAGTGTAGCATCATGATGATGATCCGAGGACATATTAAGCTTGGGTACTGTG 540
Oy      787 AATTTTCTGACAGGTCAGTGCATGGCCACACAGAGAACTGTGGGACCTTGGACCTA 846
Db      541 AATTTTCTGACAGGTCAGTGCATGGCCACACAGAGAACTGTGGGACCTTGGACCTA 600
Oy      847 GGGGAGACCTCCACCAATACAGTTCCTGCCCAATTTGAGAAACTCTGGAACAACT 906
Db      601 GGGGAGACCTCCACCAATACAGTTCCTGCCCAATTTGAGAAACTCTGGAACAACT 660
Oy      907 CCTAGGGGCTACCTCCTCTTGTGATGATTTTAAACAGACATTAAGCTTATACACAT 966
Db      661 CCTAGGGGCTACCTCCTCTTGTGATGATTTTAAACAGACATTAAGCTTATACACAT 720
Oy      967 ACTTACTGTGGATTTGGATTTGAAAGCTGCAAGACTAGCAACCTGGGAGCCCTGGAGACA 1026
Db      721 ACTTACTGTGGATTTGGATTTGAAAGCTGCAAGACTAGCAACCTGGGAGCCCTGGAGACA 780
Oy      1027 GAAGGAGACTGATGGGACACTTCCGAGATGCCCTGTTTACCGGATGTTGGAAGCAGAG 1086
Db      781 GAAGGAGACTGATGGGACACTTCCGAGATGCCCTGTTTACCGGATGTTGGAAGCAGAG 840
Oy      1087 TGGATCTTTGGGGGTGTGAATACAGATATGTGACCAACAGAAAGGGAGTGGGCTTT 1146
Db      841 TGGATCTTTGGGGGTGTGAATACAGATATGTGACCAACAGAAAGGGAGTGGGCTTT 900
Oy      1147 GAGCCCTGCTATGCCGAATGCTGAGGGTGTACGAGGAAACTTTACACGACGAGAGAG 1206
Db      901 GAGCCCTGCTATGCCGAATGCTGAGGGTGTACGAGGAAACTTTACACGACGAGAGAG 960
Oy      1207 GTCACAGAGAGTTCCTTATGCTTCTCTTACTATATGACCGAGCTGTGACACAGAC 1266
Db      961 GTCACAGAGAGTTCCTTATGCTTCTCTTACTATATGACCGAGCTGTGACACAGAC 1020
Oy      1267 ATGATTTGATTAAGAAAGGGGGTATTTAAAGTTGAAGATTTTGAAGAAAGCAGG 1326
Db      1021 ATGATTTGATTAAGAAAGGGGGTATTTAAAGTTGAAGATTTTGAAGAAAGCAGG 1080
Oy      1327 GAAGTGTGTGATTAACCTTGAAAAACTTCACTCAGGAGTCTTCTGTGATGATGATCTC 1386
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Oy      1387 AGCTACATCAGACCCCTGTTAAAGATGGCTTGTGCTTGCAGACAGACAGTCTTACAG 1446
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Oy      1447 CTCACAAAGAAAGTGAACACATAGAGACGGGCTGGGCTTGGGGCCACCTTTCACCTG 1506
Db      1201 CTCACAAAGAAAGTGAACACATAGAGACGGGCTGGGCTTGGGGCCACCTTTCACCTG 1260
Oy      1507 TTGCACTCTCTGGGCACTTCCCATTTGA 1533
Db      1261 TTGCACTCTCTGGGCACTTCCCATTTGA 1287

RESULT 13
US-09-608-285A-6
; Sequence 6, Application US/09608285A
; Patent No. 6335013
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Mulero, Julio
; APPLICANT: Yeung, George
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO CD39-LIKE
; FILE REFERENCE: 28110/36570
; CURRENT APPLICATION NUMBER: US/09/608, 285A
; CURRENT FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/583, 231
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 09/557, 800
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/481, 238
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: 09/370, 265
; PRIOR FILING DATE: 1999-08-09
; PRIOR APPLICATION NUMBER: PCT/US99/16180
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: 09/350, 836
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/273, 447
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 09/244, 444
; PRIOR FILING DATE: 1999-02-04
; PRIOR APPLICATION NUMBER: 09/122, 449
; PRIOR FILING DATE: 1998-07-24
; PRIOR APPLICATION NUMBER: 09/118, 205
; PRIOR FILING DATE: 1998-07-16
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 1287
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1284)
US-09-608-285A-6

Query Match      63.98; Score 1275.8; DB 4; Length 1287;
Best Local Similarity 99.58; Pred. No. 0;
Matches 1280; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

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DB 181 CGAATTCATGTTTACACCTTTGTGCGAGAAATGCCAGAGACGCTTCCAATTCTAGAGG 240  
QY 487 GAAGTTTGTGATTTGTGAGAGCCAGAGACTTTCTGCTTTTGTAGATCAACTTAAGCAGG 546  
DB 241 GAAGTTTGTGATTTGTGAGAGCCAGAGACTTTCTGCTTTTGTAGATCAACTTAAGCAGG 300  
QY 547 GGTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGCTCAATCCCGAAGTACG 606  
DB 301 GGTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGCTCAATCCCGAAGTACG 360  
QY 607 AAAAAGACCCAGTGTCTTAAAGCAACAGAGACTTACTGCTTACTGCCAGAACAAA 666  
DB 361 AAAAAGACCCAGTGTCTTAAAGCAACAGAGACTTACTGCTTACTGCCAGAACAAA 420  
QY 667 GCCAAGGCTGTGCTCTTTGAGAGTAAAGAGATCTTCAAGAGTCACTTCTGTTACCA 726  
DB 421 GCCAAGGCTGTGCTCTTTGAGAGTAAAGAGATCTTCAAGAGTCACTTCTGTTACCA 480  
QY 727 AAGGCGAGTGTAGCATCATGATGATCCGAGAGAGCATATTAGTTGGGTTACTGTG 786  
DB 481 AAGGCGAGTGTAGCATCATGATGATCCGAGAGAGCATATTAGTTGGGTTACTGTG 540  
QY 787 AATTTCTGACAGGTGACGTGATGCGCAGACAGAGAGACTGTGGGACCTTGGACCTA 846  
DB 541 AATTTCTGACAGGTGACGTGATGCGCAGACAGAGAGACTGTGGGACCTTGGACCTA 600  
QY 847 GGGGAGGCTCCCAACCCCAATCAGCTTCTGCGCCAGTTTGAGAAAACCTTGGAACAACT 906  
DB 601 GGGGAGGCTCCCAACCCCAATCAGCTTCTGCGCCAGTTTGAGAAAACCTTGGAACAACT 660  
QY 907 CCTAGGGGCTACCTCACTTCTTGAAGATGTTTAAAGCACTTAAAGCTCTATACAT 966  
DB 661 CCTAGGGGCTACCTCACTTCTTGAAGATGTTTAAAGCACTTAAAGCTCTATACAT 720  
QY 967 AGTTACTGGGATTTGGATTTGAAAGCTGCAAGACTACCAACCTTGGGACCTTGAGACA 1026  
DB 721 AGTTACTGGGATTTGGATTTGAAAGCTGCAAGACTACCAACCTTGGGACCTTGAGACA 780  
QY 1027 GAAGGAGTGTAGGAGACACTTCCGAGAGGCTTTCAGAGATGTTGGAAGAGAG 1086  
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QY 1087 TGGATCTTGGGGGTGTGAATACAGTATGTTGCAACCAAGAGAGAGGTGGGCTT 1146  
DB 841 TGGATCTTGGGGGTGTGAATACAGTATGTTGCAACCAAGAGAGAGGTGGGCTT 900  
QY 1147 GAGCCCTGTATGCCGAAGTGTGAGGGGTGTACAGAGAAACTTCCAGCCAGAGAG 1206  
DB 901 GAGCCCTGTATGCCGAAGTGTGAGGGGTGTACAGAGAAACTTCCAGCCAGAGAG 960  
QY 1207 GTCCAGAGAGGTTCTTCTATGCTTCTTACTATATGACCGAGTGTGACAGAGAC 1266  
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DB 1021 ATGATTTGATTTGAAAAAGGGGATTTTAAAGTTGAAGATTTTGAAGAAAGCCAGG 1080  
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DB 1081 GAAGTGTGTGATTAACCTTGAAGAACTTCACTCAGGAGTCTTTCGTGATGATCTC 1140  
QY 1387 AGCTACATCAGAGCCCTGTTTAAAGATGCTTGGCTTTGACAGACAGAGCTTTCAG 1446  
DB 1141 AGCTACATCAGAGCCCTGTTTAAAGATGCTTGGCTTTGACAGACAGAGCTTTCAG 1200  
QY 1447 CTCACAAAGAAAGTGAACAATAGAGAGGGGCTTGGGCTTGGGGCCACCTTTCAGCTG 1506  
DB 1201 CTCACAAAGAAAGTGAACAATAGAGAGGGGCTTGGGCTTGGGGCCACCTTTCAGCTG 1260

QY 1507 TTGAGTCTCTGGGATCTCCCATTTGA 1533  
DB 1261 TTGAGTCTCTGGGATCTCCCATTTGA 1287  
RESULT 14  
US-09-350-836B-6  
; Sequence 6, Application US/09350836B  
; Patent No. 6387645  
; GENERAL INFORMATION:  
; APPLICANT: Ford, John  
; APPLICANT: Mulero, Julio  
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE  
; TITLE OF INVENTION: POLYPEPTIDES  
; FILE REFERENCE: 28110/35761  
; CURRENT APPLICATION NUMBER: US/09/350,836B  
; CURRENT FILING DATE: 1999-07-09  
; PRIOR APPLICATION NUMBER: 09/273,447  
; PRIOR FILING DATE: 1999-03-19  
; PRIOR APPLICATION NUMBER: 09/118,205  
; PRIOR FILING DATE: 1998-07-16  
; PRIOR APPLICATION NUMBER: 09/122,449  
; PRIOR FILING DATE: 1998-07-24  
; PRIOR APPLICATION NUMBER: 09/244,444  
; PRIOR FILING DATE: 1999-02-04  
; NUMBER OF SEQ ID NOS: 23  
; SOFTWARE: Patentl Ver. 2.0  
; SEQ ID NO 6  
; LENGTH: 1287  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)..(1284)  
US-09-350-836B-6  
Query Match 63.9%; Score 1275.8; DB 4; Length 1287;  
Best Local Similarity 99.5%; Pred. No. 0;  
Matches 1280; Conservative 0; Mismatches 7; Indels 0; Gaps 0;  
QY 247 ATGGCAGCTTCTTGGGGACAGCTTTTCATGCTGTGTATCCGTGTTGACAGCGCT 306  
DB 1 ATGGCAGCTTCTTGGGGACAGCTTTTCATGCTGTGTATCCGTGTTGACAGCGCT 60  
QY 307 GTCTCCACAGAGACAGAGACTTGTGAGAGTATCTCTGTTTCCATGTGCCCC 366  
DB 61 GTCTCCACAGAGACAGAGACTTGTGAGAGTATCTCTGTTTCCATGTGCCCC 120  
QY 367 ATCAATGTACAGCGCCAGACACTTGTATGGAATTTGTTGATGACAGAGACTGAACT 426  
DB 121 ATCAATGTACAGCGCCAGACACTTGTATGGAATTTGTTGATGACAGAGACTGAACT 180  
QY 427 CGAATTCATGTTTACACCTTTGTGAGAAATGCCAGAGAGCTTCCAAATTTCTAGAAAGG 486  
DB 181 CGAATTCATGTTTACACCTTTGTGAGAAATGCCAGAGAGCTTCCAAATTTCTAGAAAGG 240  
QY 487 GAAGTTTGTGATTTGTGAGAGCCAGAGACTTTCTGCTTTTGTAGATCAACTTAAGCAGG 546  
DB 241 GAAGTTTGTGATTTGTGAGAGCCAGAGACTTTCTGCTTTTGTAGATCAACTTAAGCAGG 300  
QY 547 GGTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGCTCAATCCCGAAGTACG 606  
DB 301 GGTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGCTCAATCCCGAAGTACG 360  
QY 607 AAAAAGACCCAGTGTCTTAAAGCAACAGAGACTTACTGCTTACTGCCAGAACAAA 666  
DB 361 AAAAAGACCCAGTGTCTTAAAGCAACAGAGACTTACTGCTTACTGCCAGAACAAA 420  
QY 667 GCCAAGGCTGTGCTCTTTGAGAGTAAAGAGATCTTCAAGAGTCACTTCTGTTACCA 726  
DB 421 GCCAAGGCTGTGCTCTTTGAGAGTAAAGAGATCTTCAAGAGTCACTTCTGTTACCA 480  
QY 727 AAGGCGAGTGTAGCATCATGATGATCCGAGAGAGCATATTAGTTGGGTTACTGTG 786

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Db      ||||| 481 AAGGGAGCTGTAGCATGACTGGACAAGAGGAGATATTCCTGGTACTGTG 540
Oy      ||||| 787 AATTTCTGACAGGTGAGTGCATGGCCACAGACAGAGCTGGGACCTTGACCTA 846
Db      ||||| 541 AATTTCTGACAGGTGAGTGCATGGCCACAGACAGAGCTGGGACCTTGACCTA 600
Oy      ||||| 847 GGGGAGCCTCCACCCAAATCAAGTCTGCGCCCACTTTGAGAAAACCTGGAACAACT 906
Db      ||||| 601 GGGGAGCCTCCACCCAAATCAAGTCTGCGCCCACTTTGAGAAAACCTGGAACAACT 660
Oy      ||||| 907 CCTAGGGGCTACCTCCTCTTGTGATGTTTACAGCACTTATAGCTCTATACAT 966
Db      ||||| 661 CCTAGGGGCTACCTCCTCTTGTGATGTTTACAGCACTTATAGCTCTATACAT 720
Oy      ||||| 967 AGTTACTTGGGATTTGGATTTGAAGTGCAGAGCTAGCAACCTGGAGCCTTGAGACA 1026
Db      ||||| 721 AGTTACTTGGGATTTGGATTTGAAGTGCAGAGCTAGCAACCTGGAGCCTTGAGACA 780
Oy      ||||| 1027 GAAGGAGCTGATGGGACACTTTCGAGTGCCTGTTTACCGAGTGTGGAAGCAGAG 1086
Db      ||||| 781 GAAGGAGCTGATGGGACACTTTCGAGTGCCTGTTTACCGAGTGTGGAAGCAGAG 840
Oy      ||||| 1087 TGGATCTTTGGGGGTGTAAATACAGATGTGTGSCAACCCAGAGAGGGAGTGGCTTT 1146
Db      ||||| 841 TGGATCTTTGGGGGTGTAAATACAGATGTGTGSCAACCCAGAGAGGGAGTGGCTTT 900
Oy      ||||| 1147 GAGCCCTGCTATGCCAGTGTGAGGGGTGTGAGGAGAAATTCACCCAGCCAGAGAG 1206
Db      ||||| 901 GAGCCCTGCTATGCCAGTGTGAGGGGTGTGAGGAGAAATTCACCCAGCCAGAGAG 960
Oy      ||||| 1207 GTCCAGAGAGGTTCCTTCTATGCTTCTCTTACTATTAAGCCAGCTGTGACAGAGAC 1266
Db      ||||| 961 GTCCAGAGAGGTTCCTTCTATGCTTCTCTTACTATTAAGCCAGCTGTGACAGAGAC 1020
Oy      ||||| 1267 ATGATTTGATTTAAAGAGGGGGTATTTAAAGTGAAGATTTGAAGAAAAGCCAGG 1326
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Oy      ||||| 1327 GAAGTGTGTGATTAAGTGAAGAACTCACCTCAGGAGTCCCTTCTGTGATGAGATTC 1386
Db      ||||| 1081 GAAGTGTGTGATTAAGTGAAGAACTCACCTCAGGAGTCCCTTCTGTGATGAGATTC 1140
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Db      ||||| 1141 AGCTACATCAGACCCCTGTTAAAGATGTGCTTTGACAGACAGCAGTCTTACAG 1200
Oy      ||||| 1447 CTCACAAAGAAAGTGAACAATAGAGAGCGGCTGGGCTTGGGGCCACCTTTCACCTG 1506
Db      ||||| 1201 CTCACAAAGAAAGTGAACAATAGAGAGCGGCTGGGCTTGGGGCCACCTTTCACCTG 1260
Oy      ||||| 1507 TTGCAGTCTCTGGGAGCTCCCATTTGA 1533
Db      ||||| 1261 TTGCAGTCTCTGGGAGCTCCCATTTGA 1287

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RESULT 15
US-09-370-265-6
: Sequence 6, Application US/09370265
: Patent No. 6447771
: GENERAL INFORMATION:
: APPLICANT: Ford, John
: APPLICANT: Madero, Julio
: TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE
: TITLE OF INVENTION: POLYPEPTIDES
: FILE REFERENCE: 28111/35908
: CURRENT APPLICATION NUMBER: US/09/370,265
: EARLIER FILING DATE: 1999-08-09
: EARLIER APPLICATION NUMBER: PCT/US99/16180
: EARLIER FILING DATE: 1999-07-16
: EARLIER APPLICATION NUMBER: 09/350,836
: EARLIER FILING DATE: 1999-07-09
: EARLIER APPLICATION NUMBER: 09/273,447

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: EARLIER FILING DATE: 1999-03-19
: EARLIER APPLICATION NUMBER: 09/244,444
: EARLIER FILING DATE: 1999-02-04
: EARLIER APPLICATION NUMBER: 09/122,449
: EARLIER FILING DATE: 1998-07-24
: EARLIER APPLICATION NUMBER: 09/118,205
: EARLIER FILING DATE: 1998-07-16
: NUMBER OF SEQ. ID NOS: 37
: SOFTWARE: Patentln Ver. 2.0
: SEQ ID NO 6
: LENGTH: 1287
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (1)..(1284)
: US-09-370-265-6

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Query Match      63.9%; Score 1275.8; DB 4; Length 1287;
Best Local Similarity 99.5%; Pred. No. 0;
Matches 1280; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

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Db      ||||| 61 GTCTCCACAGAAACCGACACTTGTGTGAGGCTATCTGCTGCTTCCATCTGCCCC 120
Oy      ||||| 367 ATCAATGTCAGCCACAGACACTTGTATGAAATATGTTGATGAGGAGACACTGAACT 426
Db      ||||| 121 ATCAATGTCAGCCACAGACACTTGTATGAAATATGTTGATGAGGAGACACTGAACT 180
Oy      ||||| 427 CGAATTCATTTTACACCTTTGTGACAGAAAATGCGACAGACCTTCCAAATTCTGAAGG 486
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Oy      ||||| 607 AAAAAGACCCAGTGTCTTAAAGCAACAGCAGGACTTACGCTTACTGCGAAGACACAAA 666
Db      ||||| 361 AAAAAGACCCAGTGTCTTAAAGCAACAGCAGGACTTACGCTTACTGCGAAGACACAAA 420
Oy      ||||| 667 GCCAAGGCTGTGCTCTTTGAGGTTAAAGGAGATCTTCAGGAAGTCACTTCTGTGTACCA 726
Db      ||||| 421 GCCAAGGCTGTGCTCTTTGAGGTTAAAGGAGATCTTCAGGAAGTCACTTCTGTGTACCA 480
Oy      ||||| 727 AAGGCGAGTGTAGCATGATGATGATCCGAGAAAGCATATTAAGCTGGTTACTGTG 786
Db      ||||| 481 AAGGCGAGTGTAGCATGATGATGATCCGAGAAAGCATATTAAGCTGGTTACTGTG 540
Oy      ||||| 787 AATTTCTGACAGGTGAGTGCATGGCCACAGACAGAGACTGTGGGACCTTGGACCTA 846
Db      ||||| 541 AATTTCTGACAGGTGAGTGCATGGCCACAGACAGAGACTGTGGGACCTTGGACCTA 600
Oy      ||||| 847 GGGGAGCCTCCACCCAAATCAAGTCTGCGCCCACTTTGAGAAAACCTGGAACAACT 906
Db      ||||| 601 GGGGAGCCTCCACCCAAATCAAGTCTGCGCCCACTTTGAGAAAACCTGGAACAACT 660
Oy      ||||| 907 CCTAGGGGCTACCTCCTCTTGTGATGTTTACAGCACTTATAGCTCTATACAT 966
Db      ||||| 661 CCTAGGGGCTACCTCCTCTTGTGATGTTTACAGCACTTATAGCTCTATACAT 720
Oy      ||||| 967 AGTTACTTGGGATTTGGATTTGAAGTGCAGAGCTAGCAACCTGGAGCCTTGAGACA 1026
Db      ||||| 721 AGTTACTTGGGATTTGGATTTGAAGTGCAGAGCTAGCAACCTGGAGCCTTGAGACA 780

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